

TBEST 3.2 RELEASE NOTES

Installation Notes

- If you have TBEST currently installed, you do not need to uninstall to get version 3.2. Run the TBEST 3.2 Update install.
- TBEST requires ArcGIS 9.3 and Windows XP on the target machine. It is not currently Windows 7 compliant.
- SQL Server Express installs as part of the full TBEST installation. If you need to re-install SQL Express for any reason, you can download the install from the Microsoft website.

Florida Users

FDOT has provided updated Socio-Economic data that can be utilized to update Socio-Economic data in existing Transit Systems or as input to creating new Transit Systems. The new data contains 2000 Population and 2007 Employment data. To access the data, right-click on the Socio-Economic folder in TBEST Explorer and select Download. To incorporate the new data into a Transit System, right-click on the Transit System in TBEST Explorer and select Update System Socio-Economic Data.

New Features

- **TBEST is now ArcGIS 9.3 and 9.3.1 Compliant**
- **Online Maps for TBEST Base Map (including Bing Maps)**
As the Base map reference for TBEST, users with internet access will have the option to utilize a variety of online maps services provided by ESRI. Users with ArcGIS 9.3.1 can access Bing Maps and Imagery inside of TBEST.
- **Expanded Socio-Economic Data Growth Capabilities**
Users can calculate Population and Employment growth rates at the Census Block Group level through the new TBEST Socio-Economic Data Update tool designed to incorporate user developed zonal future-year socio-economic data estimates
- **Sector Scenario**
TBEST now creates and manages Sector/Sub-area scenarios. These scenarios are very useful for scaling down a model to focus on a given area. Model run times are greatly reduced but model results are consistent with full network scenarios.
- **Expanded Model Capacity**
TBEST can now model very large Transit Systems similar to the size of the Los Angeles metropolitan area.
- **Loaded Network Output**
TBEST now has the option to output a loaded network. The loaded network contains all TBEST variables and estimations in ESRI Personal Geodatabase format. This allows users to perform many GIS and database analysis and summary tasks within external software including ArcMap and Microsoft Access.
- **Model Validation Rejection**

TBEST 3.2 allows the user to reject a model validation so that the model validation can be re-performed with updated Socio-Economic data, expanded service area, or changes to the network configuration.

- **Update Socio-Economic Data and Expand the Service Area**

TBEST allows users to update existing Transit System Socio-Economic data with new pre-formatted source Socio-Economic data.

- **Improved Map Draw Speed**

- There were major problems with this in prior versions that have now been fixed. We have taken out all database joins that were slowing draw speed. The online maps are also much faster drawing than local maps.
- The map selection techniques were also upgraded and respond much more quickly.

- **Other improvements**

- Instant update of stops mileage along a segment.
- Interface upgraded and improved.
- Model status displayed in Explorer window. Users can readily access whether a scenario has valid model runs by time period.

Fixes

Transit System Management

With TBEST 3.1, some users experienced difficulty managing transit systems if they weren't in the Windows NT Administrator group on their machine. The problems were related to SQL Server Express not allowing non-Windows Administrators to properly manage TBEST Transit Systems. The TBEST 3.2 User's Guide now contains a TBEST Post-Installation procedure to address this issue.