

Transitioning to TBEST 4.4

TBEST 4.4 is installed with new features which will require the user to transition a limited set of data and files if an older version of TBEST is already installed. Below are instructions for transitioning to TBEST 4.4:

1. Evaluate current TBEST modeling projects prior to transitioning to TBEST 4.4

- a. TBEST 4.4 installs with an updated version of the **TBEST Land Use Model 2016**. If your organization is currently applying the TBEST Land Use Model 2016 (or other model structure) within a planning project using a validated TBEST Transit System, it may be prudent to delay installing TBEST 4.4 until the project is completed.

2. Install TBEST 4.4

- a. Download the latest TBEST installation file from the TBEST website. Select the install which matches the ArcGIS version on the target machine.
- b. Uninstall any existing TBEST software instance and install TBEST 4.4

3. Remove Model Files

- a. If present, model files deployed with prior TBEST versions should be removed from the machine. This includes the **TBEST Model**, **TBEST Land Use Model** and **TBEST Land Use Model 2015** structures.
- b. To remove a model, open TBEST and navigate to the Models folder in the TBEST Explorer panel. Within the Models folder, right-click on the models to remove and select Delete from the context menu.
- c. Unless you are working with a custom model, the TBEST Land Use Model 2016 should be the only remaining model. Figure 1.1 illustrates the default list of models within the TBEST Explorer Models folder after all legacy models have been removed.
- d. Users with custom model structures not listed in the instructions above will need to convert the model to be compatible with TBEST 4.4 before proceeding.

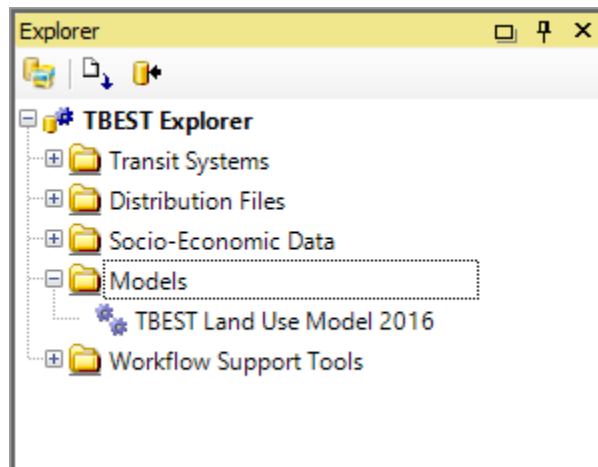


Figure 1.1 TBEST Explorer after Removing Legacy Models

4. Reject the model validation for existing Transit Systems

- a. Do to model code changes in the TBEST Land Use Model 2016 model structure released with TBEST 4.4, users will need to re-validate all Transit Systems. If no current validation exists for the Transit System, proceed to Step 5.
- b. Prior to rejecting the current validation, from within TBEST, download the latest Florida socio-economic support data.
- c. Reject the current model validation. To reject a model validation, right-click on the Transit System in the TBEST Explorer panel and select Reject Model Validation from the context menu. Reference the updated socio-economic data during the TBEST Transit System validation rejection process.

5. Reference the new TBEST Land Use Model 2016 to Transit System Scenarios

- a. For each Transit System Scenario that needs updating, reference the new TBEST Land Use Model 2016 structure through the Scenario Properties.
- b. Scenario Properties can be accessed within the TBEST Explorer panel by right-clicking on a Scenario and selecting Properties from the context menu. Within the Scenario Properties dialog, select the TBEST Land Use Model 2016 option in the Scenario Model drop-down list and click the OK button.
- c. The Scenario Properties dialog with the TBEST Land Use Model 2016 selected is illustrated in Figure 1.2 below.
- d. Run the TBEST Ridership Estimation model for each updated scenario.

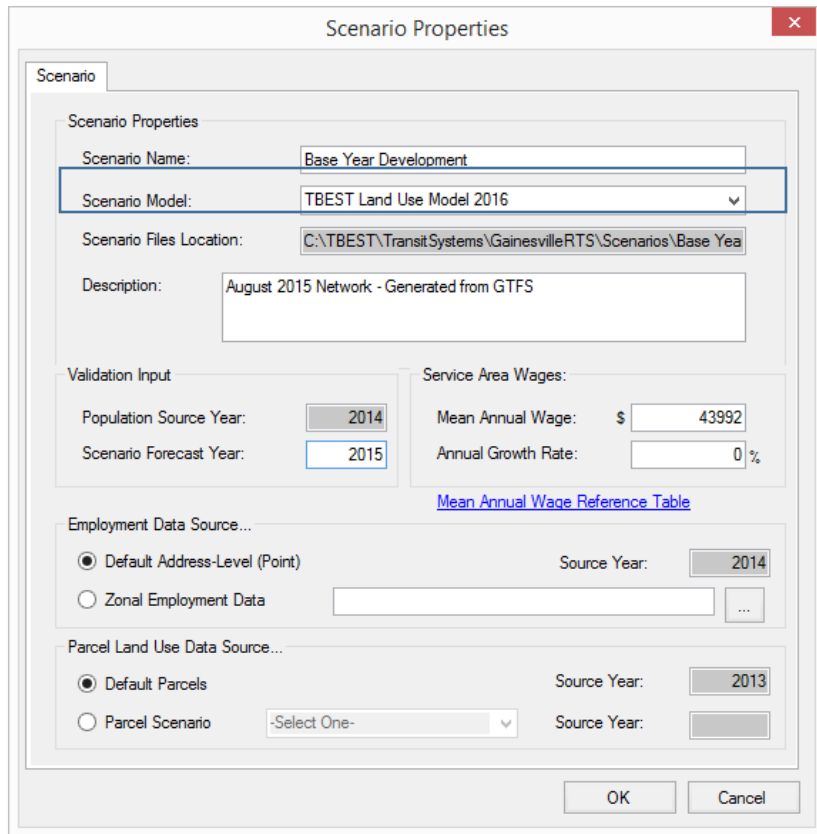


Figure 1.2 TBEST Scenario Properties with TBEST Land Use Model 2016

6. Re-validate the Transit System

- a. If the Transit System model validation was rejected in Step 4, users will need to validate the Transit System with the updated TBEST Land Use Model 2016.
- b. Performing the re-validation required for TBEST 4.4 may provide an opportunity to update the base TBEST scenario network to current agency service patterns. Review the current TBEST base scenario network and determine if noteworthy service changes have been implemented or system performance has adjusted since the previous system validation. If it is determined that base conditions have changed enough to warrant TBEST network updates, prior to performing the Transit System validation the user should import the latest base network from GTFS and input other network characteristic changes such as fare, route-level observed ridership, socio-economic growth rates, etc.

7. Uninstall SQL Server 2008 Express R2 (optional)

- a. If TBEST was the only application on the target machine that referenced SQL Server 2008 Express R2, it can be removed from the machine via Windows Add and Remove Programs.

