

What were 4.0 and 4.1, and why were they necessary?

UTA's Commuter Rail project had a number of specific Mode Choice improvements identified by FTA as necessary for them to be comfortable with the forecasts. Their requirements led to a complete overhaul of the MC model, which is now estimated on local data, better calibrated, considerably better treatment of walk/drive access to transit, better Home-based college representations, and peak/off-peak modeling. While important to transit forecasting, this change has a relatively minor effect on roadway volumes. The new MC model was used for New Starts submittals, and constituted 4.0. Shortly thereafter, we separated BRT as a specific mode (BRT was simply "slower LRT" in 4.0, but is now a discrete choice with alternative specific constant equal to $\frac{1}{2}$ that of LRT in 4.1). This "4.1" was given to MAG to help them get going on their BYU-UVSC BRT study.