

City of Maryland Heights Transportation Planning Study

MCV, as a subcontractor, obtained the MINUTP model for the St. Louis region for application to the City of Maryland Heights. In the first step, the MINUTP model was enhanced for the study area in the region for the base year. This included improving the calibration for the study area roadway links. The re-calibrated model was then used to develop 2015 forecasts for the City. The MINUTP model was then converted to TMODEL2 format to improve micro area traffic assignments in the study area. TMODEL2 provides intersection turning movements during the peak periods. TMODEL2 outputs were used to test and evaluate alternative intersection and interchange design options and develop transportation plans.

