
Phase 2

Calibrated Model and Documentation for all peak periods

A calibrated existing model shall be submitted to DOTD for review and approval prior to developing the alternative models. Documentation shall be submitted with the calibrated model that discusses, at a minimum, the following criteria:

1. Overview of Calibration Methodology
 - a. Calibration Procedure
 - b. Calibration Targets
2. Additional VISSIM Inputs onto Phase 1 model
 - a. AM and PM peak period demand
 - b. Calculations for the seeding period and the peak shoulders.
3. Calibration Validation
 - a. Compare the multiple model runs to each other (confidence in the model)
 - b. Show calibration targets and results for the existing model compared against the field data for the volumes, travel time, and queue lengths.
4. Parameter Changes to the Model
 - a. Documentation for any changes to the default parameters and the justification for the changes. Explain how the changes improved the model replication of real-world conditions.
5. QA/QC Documentation