The purpose and scope of this project is to develop a single source for information and guidance on simulation-based traffic analyses and studies for the Alabama Department of Transportation (ALDOT). The proposed manual is intended to establish best practices and common procedures for building, testing, calibrating, and running simulation models in addition to interpreting their results. The manual will also set out standards for model coding, data collection, and calibration to allow ALDOT (and other agencies in Alabama) to better assess the quality of simulation results submitted to them and hopefully improve the overall quality of the simulation-based traffic engineering decision in the State.

Start Date: 01/01/2016
End Date: 03/31/2018
Status: Active
Contract/Grant Number: GR25411
UTCA Project #15415, OSP #15-0841
$141,100.00
University Transportation Center for AL

Sponsor Organization
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