STRIDE | Southeastern Transportation Research, Innovation, Development and Education Center

Project Title – A Regional Land Use Transportation Decision Support tool for Mississippi
University – University of Florida
Principal Investigator – Brian Morton, Ph.D., University of North Carolina at Chapel Hill
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Funding Source(s) and Amounts Provided (by each agency or organization)
Total Project Cost – $252,428
Agency ID or Contract Number – 2012-003S
Start and End Dates – 8/1/12 to 8/20/2015
Brief Description of Research Project - The goal of this project is to develop a decision support tool that will help stakeholders create and assess hypothetical development scenarios. The tool will objectively and rigorously assess scenarios with respect to land use; infrastructure costs; walk- and bike-friendliness; and travel behavior, in particular trip distribution, trip generation, modal split, and traffic assignment.
Describe Implementation of Research Outcomes (or why not implemented)
Place Any Photos Here 

Impact/Benefits of Implementation (actual, not anticipated)

- A Regional Land-Use Transportation Decision Support Tool was created
- The tool builds upon and applies two analytical engines: Community Viz for scenario design and simple impact assessments, and an integrated, zonal land use-travel demand model implemented the TRANUS modeling platform.
- Modeling platform TRANUS http://www.tranus.com/tranus-english/download-install
- Two workshops will be held on this topic by PIs:
    - 2016 National Rural Transportation Conference, June 13-25, Chattanooga, TN
    - 2016 Annual Conference of the Mississippi and Alabama Chapters of the American Planning Association, September 14-16, Biloxi, MS

Project Website:

Final Report on STRIDE Website: http://stride.ce.ufl.edu/uploads/docs/STRIDE_2012-003S_FinalReport.pdf

Final Report on TRB/TRID: https://trid.trb.org/view/2015/M/1400037