

## Service Evaluation & Design

### LEXTRAN COA

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RLS completed two Comprehensive Operational Analyses COAs for LexTran in recent years. While facing one of the most critical times in its history, the Transit Authority of Lexington (LexTran) contracted with RLS & Associates, Inc. in 2004 to conduct the first of two COAs of its fixed route bus system. This COA was conducted concurrently with a referendum to create a local dedicated funding source to support LexTran public transportation services. In the first phase of the COA before the referendum, two service plans (if it passed and if it failed) were created and presented at a number of public meetings. Much of the information collected for the COA was presented at these meetings, including passenger load data, on-board survey information and telephone household survey results. After the voters passed the referendum, a detailed service expansion plan was created that included route alignment changes, new routes, schedules, run cuts, cost and revenue projections, and an implementation timetable. Another issue addressed in the COA was the growing demand for crosstown travel. For this, satellite transit centers were established, additional "L-shaped" routes designed, and circulator services implemented. RLS was then retained to assist in the implementation phase. Subsequently in 2008, LexTran contracted again to update the 2004 COA. The focus of this was to evaluate the new service implemented since the last COA, and to identify the optimum means to further expand the system.

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