

**TO: LINDA GORTON, MAYOR
URBAN COUNTY COUNCIL**

**FROM: THERESA REYNOLDS, DIRECTOR
DIVISION OF GRANTS AND SPECIAL PROGRAMS**

DATE: AUGUST 5, 2022

SUBJECT: Nicholasville Road Feasibility Study for the Division of Planning

Request: Council authorization to execute an agreement between the Kentucky Transportation Cabinet and the Urban County Government for the Nicholasville Rd Feasibility Study. The cost to LFUCG is not to exceed \$25,000. Funds are budgeted.

Purpose of the Request: The Kentucky Transportation Cabinet (KYTC), in partnership with the Lexington Area Metropolitan Planning Organization (MPO), City of Lexington, and Lextran will conduct a feasibility study to evaluate the various design and modal concepts identified in the Imagine Nicholasville Road Land Use & Transportation Plan and the Lexington Area Congestion Management Bottleneck Study, completed in 2021. The scope of the study includes consultant services to:

- Collect data for various transportation modes, utilize a travel demand model, develop traffic simulation models and transit service models in order to evaluate the benefits/impacts to traffic operations and associated multimodal trade-offs given various conceptual designs.
- Utilize a Simplified Trip-on-Projects Software (STOPS) model to evaluate transit ridership for 3 service scenarios and the cost/benefit of proposed transit services.

The results of the data-driven study will help decision-makers including the KY Transportation Cabinet, Lexington Area MPO, City of Lexington and Lextran Board of Directors evaluate the cost/benefit of various interventions in terms of congestion, sustainability and equity, and to determine what project concepts they may wish to pursue for future federal highway and transit funding programs, including through the KY State Highway Plan, Lexington Area MPO and Federal Transit Administration.

The KYTC will be the fiscal agent and oversee project management in coordination with the MPO, LFUCG, and Lextran. Each agency is contributing the following funds to the project.

Funding Source	Federal (80%)	Non-Federal (20%)
MPO Statewide Planning (PL) funds - discretionary	\$200,000	
- Lexington Fayette Urban County Government		\$25,000
- Lextran		\$25,000
KYTC Statewide Planning & Research (SPR) funds - discretionary	\$200,000	
- KY Transportation Cabinet		\$50,000
Total	\$400,000	\$100,000



What is the cost in this budget year and future budget years? Cost in FY2023 is \$25,000. There are no anticipated planning costs in future budget years.

Are the funds budgeted? Budget amendment is in process.

File Number: 0793-22

Director/Commissioner: Adkins/Atkins

