

ATTACHMENT B: SCOPE OF WORK AND BUDGET SUMMARY

Project Title: Lexington Area Bike and Pedestrian Master Plan Update

Project Description: The Lexington Area Metropolitan Planning Organization's Bike and Pedestrian Master Plan (BPMP) was developed and adopted by LFUCG Urban County Council in 2007. The plan compiled a thorough evaluation of the road networks in Fayette and Jessamine County and provided a ranking for the implementation of bicycle facilities. Over the last nine years, projects identified in the plan have been constructed, however, gaps and a lack of connectivity remain in the network. Also, during this time, bicycle infrastructure best practices and technology have increased significantly, making the current plan's solutions outdated. A broader range of solutions in planning and design now exist and will be examined for appropriateness and feasibility in the BPMP Update. One of the goals of the BPMP is to increase the number of people who use bikes to commute to work, get to school, make trips for goods and services, and for physical activity. The BPMP Update will provide a prioritized plan for developing a system of connected facilities that serve people of all ages and abilities.

Fayette and Jessamine Counties also lack connectivity in their current sidewalk and trail systems forcing people to walk along roadways and/or cross in unsafe conditions. The BPMP Update will incorporate shared use trails and greenways into the current pedestrian network offering more opportunities for connecting people to destinations. A scoring system that prioritizes pedestrian projects with the greatest benefits will be included.

Implementation of projects identified in the 2007 BPMP has been one of opportunity instead of priority. Over the last decade projects have been implemented as a part of routine maintenance, new development, infill and redevelopment, government and non-profit grant sources and municipal general funds. While these funding sources will still be utilized, the randomness of project selection has been a hindrance to a connected bicycle and pedestrian transportation system. The BPMP Update will provide a capital improvement project list incorporating connectivity and accessibility considerations.

Scope of Work Summary: The Lexington Area MPO will utilize consulting services to develop the BPMP Update. The majority of the inventory and base information for the project was collected during the 2007 BPMP effort and has been maintained and updated as a GIS geodatabase file. Providing this information to the selected consultant will enable them to focus on plan elements identified as necessary to promote safety, encourage new users, and provide connections to goods, services, jobs and education along with promoting a healthy lifestyle. The selected consultant will be asked to incorporate at a minimum the following items into the scope of work for the project:

- Provide an emphasis on corridors and connections using existing and proposed facilities
- Create a plan/vision for a separated facilities/ low stress network. Separated facilities/low stress networks have been shown to promote new users and to provide an increased level of safety when compared to traditional bike lanes.
- Add the Greenways Trails system to the plan as an integral part of the overall system
- Investigate the feasibility of the proposed greenway trails not yet built and provide alternative routes where necessary.
- Provide branding for route corridors and provide a way-finding and signage plan

- Identify key locations of goods, services and jobs and provide good safe connections through the bicycle and pedestrian facilities to served and underserved populations.
- Provide a road map for integrating Transit into the bicycle and pedestrian facilities to improve safety and efficiency.
- Place a stronger emphasis on pedestrian facilities and pedestrian safety (first plan fell short because of heavy emphasis on bicycles)
- Provide a clear and concise capital improvement project list for bicycle and pedestrian infrastructure improvements phased over a ten-year period.
- Provide a maintenance and safety plan that identifies the personnel, equipment and the financial commitment needed to maintain a safe reliable system.
- Provide an outline for the process of educating, enforcing and informing the public of new facilities, policies and safety messages.

Public involvement will be an important component of the BPMP Update. In addition to public meetings, the selected consultant will be asked to utilize digital and social media sources to supplement outreach and involvement efforts.

Amount Requested: \$160,000 PL Discretionary, \$40,000 Local Match for a total of \$200,000