



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: May 19, 2025

Re: Professional Engineering Services Agreement for Business Loop 70 Road Safety Audit

Executive Summary

Staff is requesting the City Manager to execute a professional engineering services agreement with George L. Crawford & Associates, Inc. (dba CBB) for engineering services related to a Road Safety Audit of the Business Loop 70 corridor, generally from MO 740 (Stadium Boulevard) to Conley Road - approximately 4.5 miles. The engineering services agreement is not to exceed \$187,541.98.

Discussion

As part of the City's Vision Zero initiative, Road Safety Audits were identified as one mechanism to reduce crashes and the severity of crashes if they occur.

The Federal Highway Administration (FHWA) formalized a Road Safety Audit (RSA) that provides an overall framework for specific analysis of a roadway. While each roadway has individual characteristics, the benefits of the RSA process developed by FHWA has led to successful short- and long-term crash reduction strategies throughout the United States.

During the City's Vision Zero crash analysis work, Business Loop 70 was identified as a good candidate for a Safety Audit. Crash history maps along the corridor for severe injury and fatal crashes are provided in Exhibit A. While some crashes have some similarities, no current targeted solution or single specific action appears to be able to address the types of crashes that have occurred.

The crash history coupled with other factors such as the Business Loop corridor being a key commercial and services area for the City, timing of examination is important. This need is underscored by the proximity to MoDOT's current Improve I-70 project work and the upcoming addition of the Opportunity Campus along the corridor. Pursuing a Road Safety Audit appears to be the best course of action to guide next steps.

George L. Crawford & Associates, Inc. (dba CBB) has been selected through the competitive request for qualifications (RFQ) process to lead the process to develop a team of professionals and engage stakeholders along the corridor to examine existing characteristics and evaluate future potential plans and improvements.

The RSA process will involve public engagement, evaluation, analysis and a formal report that will help the City pursue ways to decrease severe injury and fatal crashes along the corridor. Since Business Loop 70 is owned and maintained by the Missouri Department of Transportation (MoDOT), working with MoDOT during the process will be an important part of



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the project. The final RSA document will ultimately help to guide decision making for both the City and MoDOT with respect to potential funding for future improvements along the corridor.

The scope of work for the project is included in Attachment A of the Agreement.

The amount of the professional engineering services agreement will not exceed \$187,541.98. The estimated total project costs for future improvements are unknown. The RSA will provide analysis regarding the potential range of costs associated with improvements along the corridor so funding sources can be identified and sought. The first \$180,000 of the RSA project is being funded primarily with FY2023 Safe Streets for All grant funding, which requires a twenty percent local match from the City. The remainder of the project will be funded with quarter-cent Capital Improvement Program sales tax transportation safety funds. If approved, the RSA process will begin this spring and continue through winter 2025.

Fiscal Impact

Short-Term Impact: \$187,541.98. The City will be reimbursed for eighty percent of the first \$180,000 in costs by the US Department of Transportation's Safe Streets for All FY23 grant. The City will be responsible for \$43,541.98 of the cost. The City's 20% match and additional \$7,541.98 will be funded by the ¼-cent Capital Improvement Program sales tax or other eligible sources. Short-term improvements could be identified and pursued with either Capital Improvement Sales tax funds approved by Council or with Operating funds both at a currently unknown amount.

Long-Term Impact: Currently unknown. It is anticipated that some projects that may be candidates for cost share or grant projects with MoDOT or other agencies could be identified during this process.

Strategic & Comprehensive Plan Impact

[Strategic Plan Impacts:](#)

Primary Impact: Safe Community, Secondary Impact: Reliable and Sustainable Infrastructure, Tertiary Impact: Inclusive and Equitable Community

[Comprehensive Plan Impacts:](#)

Primary Impact: Mobility, Connectivity, and Accessibility, Secondary Impact: Infrastructure, Tertiary Impact: Livable & Sustainable Communities

Legislative History

Date	Action
08/05/2024	B172-24 Authorizing acceptance of the FY 2023 Safe Streets and Roads for All (SS4A) grant from the U.S. Department of Transportation to fund projects and activities associated with the Vision Zero Program; amending the FY 2024 Annual budget by appropriating funds.



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05/15/2023	R77-23: Authorizing application to the U.S. Department of Transportation for the FY 2023 Safe Streets and Roads for All (SS4A) program grant to fund projects and activities associated with the Vision Zero Program.
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Suggested Council Action

Authorize the City Manager to execute a professional engineering services agreement with George L. Crawford & Associates, Inc. (dba CBB) for services related to the Business Loop 70 Road Safety Audit project and appropriate the funds.