



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: January 17, 2023

Re: Authorizing an Agreement for Professional Engineering Services with Lochmueller Group to Complete Safety Analyses of Eighteen Potential Future Roadway Capital Improvement Projects.

Executive Summary

Authorizing the City Manager to execute a professional engineering services agreement with Lochmueller Group to complete a safety analysis of eighteen potential future roadway capital improvement projects. The engineering services agreement is for a not to exceed amount of \$97,990.

Discussion

The current quarter-cent capital improvement sales tax funding will expire on December 31, 2025. This sales tax is used for capital improvement projects in the areas of public safety needs, street and sidewalk improvements, and city facilities improvements. The sales tax has to be renewed by voters every 10 years. A list of projects for the tax renewal will go through the full public engagement process at a future date for the next ballot initiative (years 2026 through 2035). This will include Council review and input into the final list which will go to the voters. This process does not preclude adding a project that is not included in the analysis proposed here.

Public Works has developed an initial list of potential street projects to be considered in the next ballot initiative. Depending on how much of the proposed ballot is dedicated toward street projects, it is likely that not all the potential projects will be able to be completed with the funding generated from capital improvement sales tax. Therefore, for these proposed projects, safety, emergency response, CAAP initiatives, the long range transportation plan, the sidewalk master plan, funding sources, etc. are being used to analyze each project and determine which projects to recommend for the upcoming ballot initiative. This analysis is staff's recommended way to address the safety component and ensure that Council has the data necessary to make an informed decision. This is also consistent with the City's Vision Zero initiatives.

Lochmueller Group has been chosen through the City's on-call engineering design services process to complete the safety analysis of eighteen potential future roadway improvement projects that are being considered. The actual list can be found in Exhibit A of the attached agreement. It is anticipated that the consultant will use a process developed in the Highway Safety Manual (HSM). The HSM is a widely accepted tool developed by American Association of State Highway and Transportation Officials (AAHSTO) to be used as guidance for quantifying the safety analysis of roadways. The HSM was developed over a 15 year period and was originally published in 2010. The process uses well established engineering



and scientific methods for estimating safety performance of roadways to aid in the decision making process. The HSM process will quantify the safety of the roadway or intersection before and after the proposed improvements.

Fiscal Impact

Short-Term Impact: The engineering services agreement with Lochmueller Group is for a not to exceed amount of \$97,990.

Long-Term Impact: none

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Reliable Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Legislative History

Date	Action
Manually enter dates in this format: MM/DD/YYYY. Use hard returns to get to the next line of action entry.	Manually enter action items here. Use hard returns to space down to align with the corresponding date to the left. Order history from most recent to oldest. For each Council action, significant procedural action by a Board/Commission and Interested Parties meeting, enter the action date and brief statement of the action with vote totals, if known. Include ALL information you feel is relevant to this item.

Suggested Council Action

Authorize the City Manager to execute a professional engineering services agreement with Lochmueller Group to complete safety analyses of eighteen potential future roadway capital improvement projects.