



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: June 16, 2025

Re: Professional Engineering Services Agreement for Updated Vision Zero Action Plan and High-Injury Network Map

## Executive Summary

Staff is requesting the City Manager to execute a professional engineering services agreement with HDR Engineering, Inc. for engineering services related to updating the City's Vision Zero Action Plan and High-Injury Network Map. The engineering services agreement is not to exceed \$250,000.00.

## Discussion

The City has been awarded Safe Streets and Roads for All (SS4A) federal grant funding to allow us to update our Vision Zero Action Plan and High-Injury Network (HIN) Map.

As the first city in Missouri to become a Vision Zero city in 2016, Columbia was an early adopter of the strategy and has been working toward the goal of zero traffic fatalities and serious injuries by 2030. The City developed its first action plan in 2017, with updates in 2018 and 2019. Work toward the City's Vision Zero goals has been continuous and progress has been made. Updates on Vision Zero work have been provided to the City Council each year since 2019, and the City seeks to develop a formal updated Action Plan with additional community input and to update our HIN map.

The Action Plan and implementation program are expected to outline short-term implementation action items, longer-term projects that may be added to the City's Capital Improvement Program, technical input (such as best practices). The work on this project will include meeting preparation and support, meeting facilitation, and preparation of written documents.

The City envisions the Action Plan to be a five (5) year work plan. The focus of the Action Plan will be safety for all roadway users and the reduction and eventual elimination of roadway fatalities and serious injuries. The Action Plan will also promote the idea that traffic deaths are preventable, and that human failure should be considered when designing Columbia's transportation system. The Action Plan will be based on the US Department of Transportation's (USDOT's) Safe System Approach.

In addition to the work above, HDR will collect data and perform analysis to identify problem areas in the City and update the HIN map. The updated HIN map will be a critical component of the updated plan and will serve as a focus of the City's Vision Zero work moving forward.

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



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The amount of the professional engineering services agreement will not exceed \$250,000. Eighty percent (\$200,000) of this project will be funded with FY2022 Safe Streets for All grant funding, which requires a twenty percent (\$50,000) local match from the City. The City's share of the project will be funded with quarter-cent Capital Improvement Program sales tax transportation safety funds. If approved, the project will begin this spring and continue through early winter 2025.

## Fiscal Impact

Short-Term Impact: \$250,000.00. The City will be reimbursed for eighty percent of the \$250,000 in costs by the US Department of Transportation's Safe Streets for All FY22 grant. The City will be responsible for \$50,000 (20%) of the cost. The City's 20% match will be funded by the 1/4-cent Capital Improvement Program sales tax or other eligible sources.  
Long-Term Impact: Currently unknown.

## 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: Livable & Sustainable Communities, Tertiary Impact: Infrastructure

## Legislative History

Date	Action
12/04/2023	B288-23 Authorizing acceptance of the FY 2022 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.
08/01/2022	R112-22 Authorizing application to the U.S. Department of Transportation for the Safe Streets and Roads for All (SS4A) grant to fund projects and activities associated with the Vision Zero Program.
12/19/2016	PR178-16 Adopting a "Vision Zero" Policy; setting a goal of eliminating traffic deaths and serious injuries in Columbia by 2030.

## Suggested Council Action

Authorize the City Manager to execute a professional engineering services agreement with HDR Engineering, Inc. for services related to the Updated Vision Zero Action Plan and High-Injury Network Map project.