



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: April 7, 2025

Re: Authorize a cost apportionment agreement with the Missouri Highways and Transportation Commission to complete construction enhancements on the Improve I-70: Columbia to Kingdom City project and appropriating funds.

Executive Summary

Authorize the City Manager to execute a cost apportionment agreement with the Missouri Highways and Transportation Commission. The agreement includes the design and construction of integrated enhancement features to be included in Phase 1 of the Improve I-70 project at an estimated cost of \$1,744,240.

Discussion

The Missouri Department of Transportation (MoDOT) is completing Phase 1 of the Improve I-70 project. The project is currently in the design-build process and includes construction of an additional travel lane in each direction on Interstate 70 between the Interstate 70/Highway 63 connector interchange in Columbia and the Kingdom City interchange. Along with the interstate improvements, many of the bridges and other accesses will need to be reconstructed to accommodate for the widening. As part of the design-build process, the City has the opportunity to fund enhancements to the bridges and accesses that will be above and beyond MoDOT's standards of construction in order to provide a uniqueness to Columbia as motorist travel through the City along the interstate. The enhancements are intended to provide a welcoming atmosphere such that motorists will want to stop in Columbia instead of simply drive through it.

The proposed enhancements include both integrated and nonintegrated components. The integrated enhancements are considered improvements that need to be constructed as part of the design-build project. These components would be costlier to complete after the Improve I-70 construction project is completed and include such items as form liner, colored concrete, signage, fencing, and lighting. The nonintegrated enhancements include improvements that would be more beneficial to be completed once the Improve I-70 construction project is completed and can be constructed as time and funding allows. The nonintegrated enhancements include items such as landscaping and artwork.

This agreement will include funding to complete integrated enhancements for the improvements being completed around the Interstate 70/Highway 63 Connector, at the St. Charles Road interchange, and at the Route Z interchange. A one-page fact sheet of the proposed Phase 1 enhancements is included with this memo. The agreement includes a location diagram (Exhibit A) and descriptions with examples of both the integrated enhancements and the nonintegrated enhancements at each location (Exhibit B).



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The Columbia Chamber of Commerce has been working with the City, Boone County, the University of Missouri, and other interested parties to determine the desired enhancements for each location and to raise funds for the project. The Lochmueller Group was hired to develop enhancement options and estimate the associated costs. An interested parties meeting was held on May 17, 2023 and a public hearing was held on June 20, 2023 in order to initiate the discussion of the proposed enhancements. Since the interested parties meeting, the group has been working with MoDOT and the design-build team to further define the improvements and finalize the costs for design and construction.

The cost estimate for completing the Phase 1 integrated enhancements is \$1,744,241 and the Phase 1 nonintegrated enhancements is \$2,142,928. Phase 1 total estimate for the design and construction of the enhancements is \$3,887,169. Approximately \$1,095,000 has been committed for the design and construction of the enhancements. Of that amount, \$600,000 is being contributed from the University of Missouri, \$300,000 is being contributed from the Boone County, and \$195,000 is being contributed from other sources. The City has been asked to fund the difference of \$649,241. The cost apportionment agreement is only for the completion of the integrated enhancements for Phase 1 of the Improve I-70 project.

It should be noted that the funding is intended for Phase 1 of the Improve I-70 project. Phase 4A of the Improve I-70 project will widen Interstate 70 between the west extent of Phase 1 to the Rocheport Bridge. Phase 4A of the project will provide an opportunity for enhancements at the Paris Road overpass, the Rangeline interchange, the Business Loop 70 interchange, the Stadium Boulevard interchange, and the Midway interchange. It is desired that the same types of enhancements be used at these locations. Additional fundraising will need to be completed to fund the enhancements. A separate municipal agreement with MoDOT will need to be pursued, as well. The preliminary cost estimate for enhancements in Phase 4A is \$2,446,960 for the integrated components and \$1,296,240 for the nonintegrated components. The total estimate for the Phase 4A enhancements is \$3,743,200.

Fiscal Impact

Short-Term Impact: The City's match of \$649,241 will be funded by council reserve funds.
Long-Term Impact: Undetermined.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Reliable Infrastructure, Secondary Impact: Inclusive Community, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

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



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Legislative History

| Date | Action |
|------------|---|
| 06/20/2023 | PH25-23 Consider approval of enhancement design elements associated with Missouri Highways and Transportation Commissions' Interstate 70 and U.S. Highway 63 connector reconfiguration project. |

Suggested Council Action

Authorize the City Manager to execute the cost apportionment agreement with the Missouri Highways and Transportation Commission for the design and construction of the Improvement I-70 Phase 1 integrated enhancements and appropriate the funds.