



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: November 21, 2022

Re: Municipal Agreement with the Missouri Department of Transportation (MoDOT) regarding improvements at US 63 & Route AC (Grindstone)/New Haven, LeMone Industrial Boulevard and Lenoir Street.

Executive Summary

Authorize the City Manager to execute the agreement MoDOT has prepared for the City of Columbia regarding improvements near the US 63 & Route AC interchange. As part of the work, portions of current MoDOT right of way will be conveyed to the City for maintenance, portions of new street infrastructure will be constructed with some of those being maintained by MoDOT and some by the City. Portions of current City utility infrastructure will be relocated and new utility infrastructure will be built. MoDOT has addressed concerns expressed by Public Works and Utility staff.

Discussion

MoDOT has pursued some improvements and has been pursuing other options for improving conditions at the US 63 & Route AC interchange for decades.

After in depth analysis, MoDOT selected the best option for improvements for all modes of transportation that allowed for a phased construction approach due to funding issues related to constructing all improvements at one time. MoDOT has selected pursuing improvements generally on the eastern side of the interchange for this project. Project costs are estimated to be \$8-9 million, funded by MoDOT.

MoDOT has indicated that the planned improvements should significantly improve overall operations at the interchange for several years while funding for other improvements could be pursued as they are necessary.

The proposed improvements are attached with additional information available at: <https://www.modot.org/63ACInterchange> .

In order for MoDOT to pursue the planned modifications on the east side, re-routing Lenoir to the east and constructing two signals (one at the relocated Lenoir and one at LeMone Industrial Boulevard, both maintained by MoDOT in the future) is the best overall option. MoDOT examined other options that would not relocate Lenoir, but they were deemed to not be as beneficial overall.

As part of the project, MoDOT will be improving pedestrian accessibility with sidewalk construction and pedestrian signal features at the signals. Approximately 4,200 linear feet of sidewalk will be constructed. The sidewalk will be the responsibility of the adjacent property



owners for maintenance per standard City procedures. Bicycle lanes along New Haven are planned to be incorporated into the project.

Some existing City maintained right of way along New Haven and along Lenoir would either be eliminated (Lenoir) or transferred to MoDOT maintenance. The newly constructed Lenoir roadway and some additional pavement east of the new Lenoir signal would be City maintenance responsibility. Approximately 7,100 square yards of a combination of new vehicle and bicycle lanes would be added. New stormwater system features will also be constructed that would be maintained by the Stormwater Utility.

Public Works and Utility staff evaluated options and support the proposed approach. While actual timing for construction on the project is unknown due to right of way and other considerations, construction is anticipated to begin in 2024 if the City enters into this agreement with planned completion in early to mid-2025.

Fiscal Impact

Short-Term Impact: Some utility relocation costs for utilities within existing right of way.
Long-Term Impact: The City will accept long term maintenance responsibility of approximately 7,100 square yards of pavement and associated right of way and additional storm water features and ensuring that sidewalk is maintained.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Resilient Economy, Secondary Impact: Reliable Infrastructure, Tertiary Impact: Safe Neighborhoods

Comprehensive Plan Impacts:

Primary Impact: Mobility, Connectivity, and Accessibility, Secondary Impact: Infrastructure, Tertiary Impact: Land Use & Growth Management

Legislative History

Date	Action
	None to date regarding this project.

Suggested Council Action

Authorize the City Manager to execute the agreement with MoDOT.