



Department Source: Public Works
To: City Council
From: City Manager & Staff
Council Meeting Date: February 18, 2019
Re: 2019 Pavement Management Report

Executive Summary

Staff has prepared the 2019 Pavement Management Report. The report contains information regarding Public Work's process for methodically pursuing pavement maintenance and information regarding funding for the pavement management program.

Discussion

There are approximately 1,375 lane miles of City of Columbia maintained streets. Current funding for pavement management techniques is at \$2.73 million/year. While better than historic levels, this is approximately \$2.1 million annually short of what would be necessary to have a fully funded pavement management program. The FY2019 budget equates to an average of \$0.282 per square yard of street pavement for construction materials and contractual services. A fully funded program would allocate approximately \$0.5/square yard/year for pavement management construction materials and contractual services to keep roads at an overall average rating of 7.5 (good shape).

Due to the current funding, decisions regarding deferring some street maintenance activities are made each year in order to keep as many roads in as good of shape as possible. The report discusses the methodology for selecting the style of preservation techniques. Currently, we are still pursuing maintenance activities as part of the program on all types of streets (local, residential, collector and arterials). At current funding levels, by 2022 it will be necessary to change some strategies regarding local streets, begin to modify some other parts of the program or lower the accepted standard rating goal to 6 or less (fair shape or worse).

There has been some discussion of working with neighborhoods to cost share some maintenance activities. Since most types of maintenance are considerably more than most home owners associations would be able to budget, it is likely that some form of Neighborhood Improvement District (NID) or similar would be needed. Staff would recommend that if a neighborhood expresses interest in a cost share situation, we could pilot a project and see whether a model could be created for more widespread use.

Fiscal Impact

Short-Term Impact: None for this report. FY2019 Budget is \$2,734,026 for Street Division construction materials and contractual services.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Long-Term Impact: Long term impact will depend on funding for the program. \$4,840,000 would fully fund the program for FY2020.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Operational Excellence, Tertiary Impact: Economy

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
N/A	

Suggested Council Action

For information purposes.