



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: March 16, 2020

Re: Public Hearing Related to the Proposed Replacement of the Pervious Pavement in the Alleyway North of the City Government Center

Executive Summary

A public hearing is being held to consider the replacement of the existing pervious pavement in parking areas located in the alleyway north of the Government Center with a "Paverdrain" pavement system. The estimated cost of the project is \$70,000.

Discussion

The Parking Utility staff has identified a need to replace the pervious pavement in the parking area located in the alley north of the City Government Center, along the south side of the plaza parking garage. The pavement is deteriorating to a point that it will be creating a potential safety issue of a dropped edge next the existing concrete drive if not addressed this year. Staff has also determined the green "Filterpave" pavement section that was installed as part of a pilot project a few years ago has become severely clogged with fines and will also need to be replaced.

Staff intends to replace these two pervious pavements with a "Paverdrain" block system pavement. This product was used as part of a Missouri Department of Natural Resources (MoDNR) 319 grant at the Grissum building in the staff parking lot. This system has no issues of clogging and is performing to the MoDNR 319 grant specifications. The estimated cost of the project is \$70,000, the Parking Utility set aside \$30,000 in the 2020 budget to begin the investigation into what was needed to make these improvements. Now that a final scope has been determined, staff has requested Council authorize a \$40,000 appropriation from the Parking Utility retained earnings account to the City Hall Alley-Parking Pavers capital improvement project account (Council Bill B50-20). The project is expected to begin early spring of 2020.

Fiscal Impact

Short-Term Impact: The estimated cost for installation is \$70,000, which will be paid from the City Hall Alley Paver project and retained earnings.

Long-Term Impact: Staff anticipates maintenance annual costs to vacuum out the pavement of fines to be \$1,000.

Strategic & Comprehensive Plan Impact

[Strategic Plan Impacts:](#)

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



City of Columbia

701 East Broadway, Columbia, Missouri 65201

[Comprehensive Plan Impacts:](#)

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

Legislative History

Date	Action
03/02/2020	R31-20 - Setting a public hearing to consider the replacement of the existing pervious pavement in two different parking locations in the alley north of the Government Center with a "Paverdrain" pavement system.
03/02/2020	B50-20 – Amending the FY 2020 Annual Budget by appropriating funds for replacement of the pervious pavement in parking areas located in the alleyway north of the City Government Center.

Suggested Council Action

After public comment and Council discussion, direct staff to proceed with replacing the existing pervious pavement in parking areas located in the alleyway north of the Government Center with a "Paverdrain" pavement system.