



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: March 2, 2020

Re: Setting a Public Hearing for the Replacement of the Pervious Pavement in the North Alley of the City Government Center

Executive Summary

Setting a public hearing for March 16, 2020 to consider the replacement of the existing pervious pavement in two different parking locations in the north alley of the City 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 will need to appropriate an additional \$40,000 from retained earnings.

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
	None

Suggested Council Action

Adopt the resolution setting a public hearing for March 16, 2020 for the installation of a new "Paverdrain" pavement for the parking spaces in the alley north of the City Government Center.