

MEMORANDUM

To: Mayor and City Council

From: David Elliott

Date: December 14, 2015

Subject: **Approval of Funding for Stormwater Pipe Repairs at 5113 Meadow Creek Drive.**

ITEM DESCRIPTION

Approval of Funding for Stormwater Pipe Repairs at 5113 Meadow Creek Drive. Estimate for the rehabilitation and sinkhole repair is \$93,472, which includes a 10% contingency.

BACKGROUND

Needed repairs were located after resident complaint of sink hole at 5133 Meadow Creek Drive. The pipe in this area is 186' in length and 60" in diameter. The pipe is made of corrugated metal and is significantly deteriorated throughout the entire length.

A 20' portion of this pipe located directly under the fore mentioned sinkhole is in particularly poor condition. The city is in the process of excavating and replacing this 20' portion to prevent a collapse.

The purpose of this funding approval request is to allow the City to install a shotcrete liner throughout the 186' length of the pipe and perform repairs to 2 headwalls.

RECOMMENDED ACTION

Staff recommends approving \$93,472 in funding for Stormwater Culvert Repairs at 5113 Meadow Creek Drive.

#13.



Sinkhole forming at 5113 Meadow Creek Drive



Pipe Failure under Sinkhole



Failing bottom and joint



View of Downstream Headwall