

MEMORANDUM

To: Mayor and City Council

From: David Elliott, Stormwater Manager

Date: May 12, 2014

Subject: **Discussion of Cooperative Contract with ProShot Concrete Inc for the Purpose of Stormwater Repairs**

ITEM DESCRIPTION

Discussion of Cooperative Contract with ProShot Concrete Inc. for the purpose of stormwater repairs at 118 Perimeter Center Parkway.

BACKGROUND

In December of 2013 a sinkhole developed in a landscape area of the Chuy's Restaurant on Perimeter Center Parkway. This sinkhole was caused by a failing joint in a 96" corrugated metal pipe, which is the largest diameter pipe that the City owns. Upon further inspection of the pipe, it was determined that the lower half of the pipe needs repair or replacement.

Many repair options for this pipe were considered including excavation and replacement, cured in place pipe lining, spin cast concrete lining, slip lining, and shotcrete lining. These options were analyzed for cost, flow capacity, traffic disruption, likelihood of success, and life expectancy. Due to cost, very low traffic disruption, and capacity considerations, it is recommended that the pipe be repaired with shotcrete.

Shotcrete repairs are typically appropriate for larger diameter pipe and are not within the normal scope of the city's stormwater repair contractors. However, Proshot Concrete Inc. has a unit price contract with DeKalb County that was competitively bid in October of 2011. This contract was originally executed for a 12 month period with the option to extend for 2 additional years. DeKalb County is currently undergoing the process for contract renewal. Proshot Concrete Inc. has agreed to honor these unit prices with the City of Dunwoody for two years.

The competitively bid shotcrete pricing demonstrates significant savings over the other options reviewed which ranged in cost from \$130,000 to \$500,000. In addition, this pricing was developed in 2011 for an entity (DeKalb County) that performs a higher volume of shotcrete repairs. This competitively bid pricing is 12% less expensive than the price originally quoted by Proshot Concrete Inc. to the City.

RECOMMENDED ACTION

Pursue the development of a Cooperative Contract with Proshot Concrete Inc. in the amount of \$99,000 based on the competitively bid prices of DeKalb County Contract No 12-902371.