Memo

To: Lesley Nalley, CEO  
From: Bill R. Stagg, PE, CFM - Public Works Director  
Linda Mayhood, COO

Date: August 16, 2017  
Re: Motion – Approved 2017 Roadway Culvert Rehabilitation Project

Motion
I move to approve the bid submitted by Krapfl-Reynolds Construction (Bidder 2) of Oklahoma City, OK, in the amount of $354,360.00, which includes all materials and labor for the rehabilitation of 1,440 lineal feet of culverts.

Background

As the infrastructure of Hot Springs Village approaches 50 years, several culvert failures have occurred over the last year. Due to the aging infrastructure and the numerous culvert failures, a culvert rehab project is recommended to rehabilitate the invert of corrugated metal culverts that have corroded to the point of causing a risk of failure in the pipe and subsequently cause damage to the roadway and surfacing.

The scope of work will include cleaning and grouting of voids in the pipe invert to form a new invert with high strength grout followed by an application spin-cast high compressive strength cementitious material to a thickness of one inch on the entire inside circumference of the culverts. Approximately 20 culverts (1,440 lineal feet) located on DeSoto Blvd., Balearic Rd., and Fresno Rd. ranging in size from 30-inches through 60-inches in diameter are included in this project.

A culvert rehabilitation project is necessary to preserve the existing roadway infrastructure. Staff is in the process of locating and assessing the conditions of all culverts in Hot Springs Village, as part of the strategic plan for project planning and roadway improvements.

Proposals were requested from four companies with qualifications to provide the materials and services. Three bids were received.
1. Bidder 1 - $450,900
2. **Bidder 2 - $354,360**
3. Bidder 3 - $381,100
Project Total: $354,360.00
Budget Remaining: $720,928.12
*Total Budget: $1,100,000.00

*This project is included in the 2017 Public Works budget of $1,100,000, under the operating expense of Maintenance of Land and Streets.

Staff recommends awarding the contract to Krapfl-Reynolds Construction (Bidder 2).