



REPORT TO CITY COUNCIL

To: Honorable Mayor and Members of the City Council

From: Grant Yates, City Manager

Prepared By: Brad Fagrell, City Engineer

Date: June 27, 2017

Subject: Professional Services Agreement for the 2017 Pavement Management Program

Recommendation

Award the Professional Services Agreement for the 2017 Pavement Management Program to Bucknam Infrastructure Group, Inc., in the amount of \$70,442.00.

Background

The City's roadways consist of approximately 189.3 centerline miles of paved streets. The roadways are divided into two networks: Arterial/Collector and Local Streets.

- 49.2 centerline miles of Arterial/Collector roadways
- 140.1 centerline miles of Local residential roads

The pavement conditions of both the Arterial/Collector and Local roads were last surveyed between 2010 and 2013. Since the last inspection, the condition of the pavement network has significantly changed due to weather, wear, and increase in usage. In addition, roadway segments that have been accepted by the city since the last evaluation, have yet to be rated. In order to develop a fiscally efficient 5-year maintenance and rehabilitation strategy, the city must have up to date pavement condition data.

The consultant will survey the entire network of pavement in the city and assign a PCI (Pavement Condition Index) rating. The consultant will then prepare a final pavement management program report. The report will include current condition and recommendation of maintenance and/or repair.

Discussion

The Firm that has been selected to perform the scope is Bucknam Infrastructure Group, Inc. They will perform:

- Perform a condition survey of the City's pavement network. Distress severity and type will be collected based upon actual surface conditions and physical characteristics of each roadway segment.
- Update the City's GIS linkages for the existing roadway network.
- Live GIS files will be used to enhance survey locations, data access and quality control measures.
- Digital video capture of pavement condition through a front facing vehicle mounted camera.
- Update the city's network PCI data.
- In consultation with City Staff, provide a 5-year maintenance plan based on the city's budget and based on projected deterioration rates.

The anticipated duration of the contract is from July through November of 2017.

Fiscal Impact

The funding allocation for this project is within the adopted CIP Budget utilizing T.R.I.P. funds.

Exhibits

A – Agreement

B – Proposal