



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 5.1

Title:

Recommendation to Approve Construction Contract for Pavement Rejuvenation

Presenter:

Karen Young

Meeting: Government Services Committee

Date: June 26, 2017

Proposed Cost: \$123,028

Budgeted Amount: \$125,000

Not Budgeted:

Executive Summary (if not budgeted please explain):

Historically the City’s street maintenance program has consisted of a limited number of strategies that attempt to address a variety of maintenance considerations on a number of different pavement types, ages and conditions. In order to maintain the longevity of our pavements and to leverage the funding available it is important to have a holistic pavement management approach that includes a combination of pavement maintenance, rehabilitation and reconstruction. Roadway pavements that are repaired when they are in good condition will cost less over their lifetime than streets that are allowed to deteriorate to a poor condition, which require resurfacing or reconstruction.

Moving forward the City is beginning to expand the types of pavement strategies used to maintain our roadway pavements to help extend the life of the pavement. It is important to choose the right treatment, for the right road and the right time. We will be categorizing all roadway work into three category types, which are defined below:

1. **Preventative Maintenance** – Lower-cost treatments that are completed on newer roadways to retard the road’s deterioration, maintain or improve the condition, and extend the pavement service life. Timely preventative maintenance can be 4 to 5 times more cost effective than delaying maintenance until resurfacing is needed. Currently the City is completes the following work in this category: Bituminous Spray Patching, Permanent Bituminous Patching and Temporary Patching. **Pavement Rejuvenation** - This year Staff is recommending adding Pavement Rejuvenation to our maintenance strategies, which is a spray on application that protects the roadway from weather or sun damage that can cause the pavement to become dry and brittle. Ideal roadway candidates are 0-5 years old. We are proposing to start the rejuvenation process on the roads that were resurfaced in 2014 and 2015. This application is being used by Kane County and many other local agencies.
2. **Rehabilitation** – Typical grind and overlay program (2017 Street Program)
3. **Reconstruction** – Highest cost option where the streets are beyond preventative or rehabilitation type maintenance. Historically the City has only completed traditional reconstruction, but this year has introduced the Full Depth Reclamation process.

The Pavement Rejuvenation work was bid out by Kane County earlier this year and they have a provision in their contracts to allow the local agencies to contract with their vendor at the same unit prices. Bids were received from two bidders with the unit prices for Corrective Asphalt Materials coming in at \$0.82/sy and the other bidder at \$0.84/sy.

Attachments (please list):

None

Recommendation/Suggested Action (briefly explain):

Recommendation to Approve Construction Contract with Corrective Asphalt Materials for the 2017 Pavement Rejuvenation Project in the amount of \$123,028.00.