



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: *7.a

Title:

Recommendation to Approve Construction Contract for Pavement Rejuvenation

Presenter:

Ken Jay

Meeting: Government Services Committee

Date: May 28, 2019

Proposed Cost: \$64,714

Budgeted Amount: \$65,000

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.

In 2017 the City is began to expand the types of pavement strategies used to maintain our roadway pavements with the understanding that it is important to choose the right treatment, for the right road and the right time. We categorized our roadway work into three categories, 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 completes the following work in this category: Bituminous Spray Patching, Permanent Bituminous Patching, Temporary Patching and pavement rejuvenation.
2. **Rehabilitation** – Typical grind and overlay program (2019 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 in 2017 introduced the Full Depth Reclamation process.

2019 Pavement Rejuvenation – In 2017, staff implemented a Pavement Rejuvenation program into our pavement 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 1-3 years old. This application is being used by Kane County and many other local agencies. In 2018, we were able to complete streets that were resurfaced in 2016 and 2017. In 2019, staff is proposing to complete the streets that were resurfaced or accepted for public maintenance in 2018, which are shown on the attached location map.

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. One bid was received from Corrective Asphalt Materials, with a unit price of \$0.89/SY.

Staff recommends awarding a contract to the County’s low bidder, Corrective Asphalt Materials, utilizing the extended unit prices from the County’s bid, for a total amount not to exceed \$64,714.

Attachments *(please list):*

- * 2019 Pavement Rejuvenation Location Map

Recommendation/Suggested Action *(briefly explain):*

Recommendation to approve Construction Contract with Corrective Asphalt Materials for the 2019 Pavement Rejuvenation Project in the amount of \$64,714.



City of St. Charles, Illinois

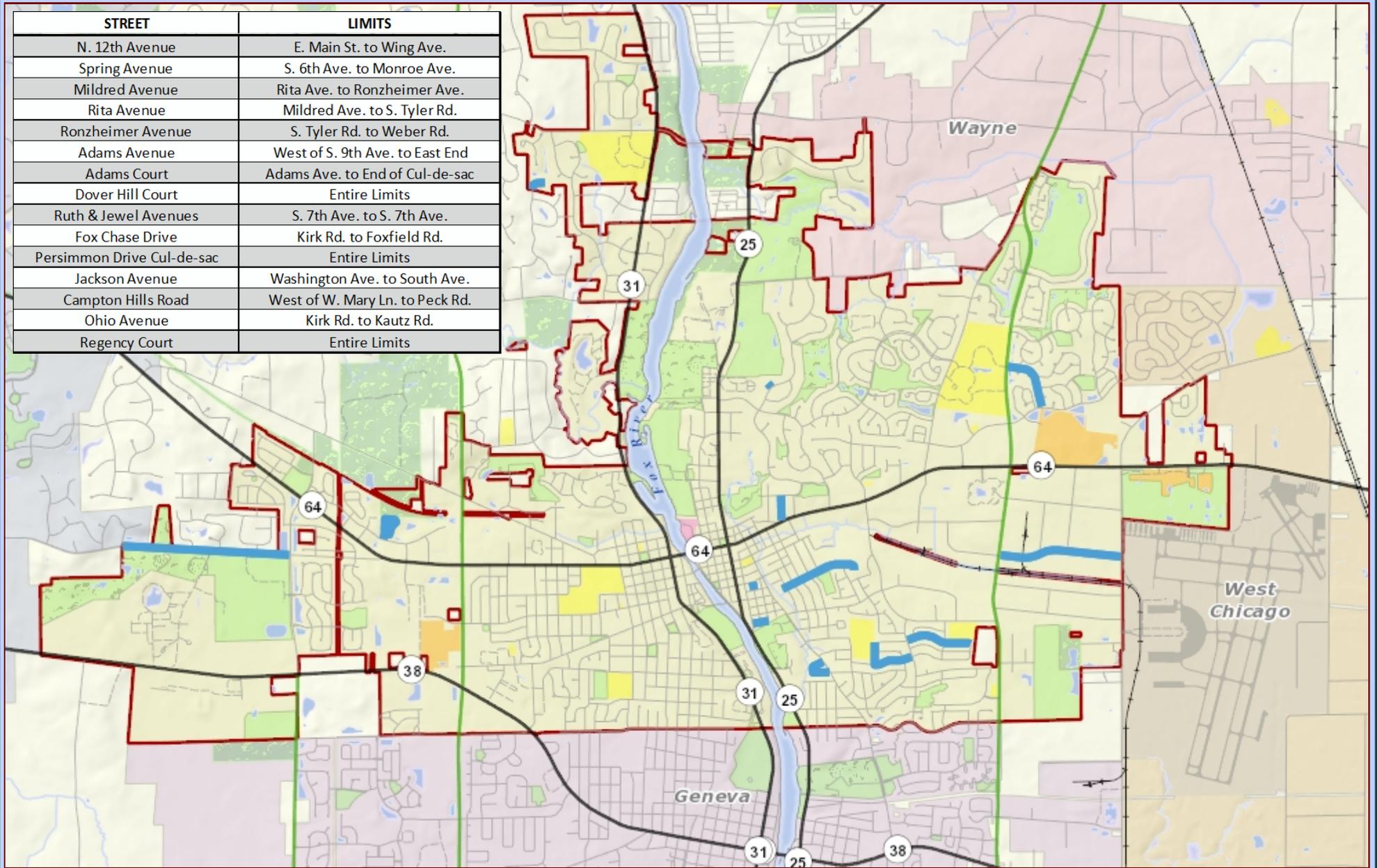
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2019 Rejuvenation Program

RAYMOND ROGINA *Mayor*

MARK KOENEN *City Administrator*

STREET	LIMITS
N. 12th Avenue	E. Main St. to Wing Ave.
Spring Avenue	S. 6th Ave. to Monroe Ave.
Mildred Avenue	Rita Ave. to Ronzheimer Ave.
Rita Avenue	Mildred Ave. to S. Tyler Rd.
Ronzheimer Avenue	S. Tyler Rd. to Weber Rd.
Adams Avenue	West of S. 9th Ave. to East End
Adams Court	Adams Ave. to End of Cul-de-sac
Dover Hill Court	Entire Limits
Ruth & Jewel Avenues	S. 7th Ave. to S. 7th Ave.
Fox Chase Drive	Kirk Rd. to Foxfield Rd.
Persimmon Drive Cul-de-sac	Entire Limits
Jackson Avenue	Washington Ave. to South Ave.
Campton Hills Road	West of W. Mary Ln. to Peck Rd.
Ohio Avenue	Kirk Rd. to Kautz Rd.
Regency Court	Entire Limits



Data Source:
City of St. Charles, Illinois
Kane County, Illinois
DuPage County, Illinois
Projection: Transverse Mercator
Coordinate System: Illinois State Plane East
North American Datum 1983
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