

## **CITY OF JOPLIN COUNCIL AGENDA ITEM**

### **ITEM**

Council Bill 2020-115 – approving a work authorization with Olsson for the 32<sup>nd</sup> Street and Arizona Avenue Letter of Map Revision (LOMR).

### **MEETING DATE**

March 2, 2020

### **ORIGINATING DEPARTMENT**

Public Works - Engineering

### **ATTACHMENTS**

Location Map, Work Authorization, CB2020-115

### **REVIEWED BY**

Director of Public Works: David Hertzberg; Director of Finance: Leslie Haase; City Attorney: Peter Edwards; Interim City Manager: Dan Pekarek.

### **SUMMARY**

This Council Bill approves a work authorization with Olsson for work related to the 32<sup>nd</sup> and Arizona Letter of Map Revision in the not to exceed amount of Seventy-Six Thousand Seventy-Five and 00/100 Dollars (\$76,075.00).

### **BACKGROUND**

The Parks and Storm Water Sales Tax was approved by voters in 2011. A capital improvement project recommendation list was developed for the utilization of the 2012-2022 Parks and Storm Water Sales Tax funds which was approved by voters. Included in the list of approved projects was a project for construction of a regional storm water detention facility west of Arizona and north of 32<sup>nd</sup> street. The existing open channel that crosses under 32<sup>nd</sup> Street at Texas Avenue is a mapped stream called Silver Creek Tributary 2. There are several structures in the floodplain from 32<sup>nd</sup> Street south to I-44. The regional storm water detention facility north of 32<sup>nd</sup> Street was constructed to reduce the base flood elevation downstream which in turn reduces the frequency of flooding.

With construction of the regional storm water detention facility complete, several structures within the Federal Emergency Management Agency (FEMA) Zone AE Special Flood Hazard Area may stand to benefit from a reduced flood insurance rate, for the Special Flood Hazard area, as a result of remapping the registered floodplain based on new base flood elevations stemming from completion of the detention facility. This work authorization authorizes Olsson to complete and submit an engineering data request to FEMA requesting the effective hydraulic model for Brownell Branch and update the hydrologic model for Silver Creek Tributary 2 and Brownell Branch based on the constructed 32<sup>nd</sup> and Arizona Regional storm water detention facility. Moreover, Olsson will conduct the survey and data collection necessary to prepare and submit a letter of map revision to FEMA for acceptance of new proposed base flood elevations.

### **Funding Source**

Parks and Stormwater Sales Tax

**RECOMMENDATION**

Staff recommends approval of this Council Bill No. 2020-115 on an Emergency Basis, being an ordinance dealing with a general appropriation, and is considered to be an emergency within the meaning of Section 2.12(4) of the HOME RULE CHARTER of the City of Joplin, Missouri, and as such, this Ordinance shall become effective immediately upon its passage. Specifically, this council bill needs to be approved in order to allow for the survey to be completed prior to Spring leaf out, to allow for better visibility, faster and more accurate survey data collection.