

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

### **ITEM**

Council Bill 2019-146 – approval of Change Order #2 for the 7<sup>th</sup> and Illinois Area Stormwater Improvements project (TSO606 and TSO607).

### **MEETING DATE**

September 3, 2019

### **ORIGINATING DEPARTMENT**

Public Works - Engineering

### **ATTACHMENTS**

Location Map, Exhibit A, CB2019-146 Ordinance, Change Order No. 2

### **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 authorizes a change order with Branco Enterprises Inc. for the 7<sup>th</sup> and Illinois Area Stormwater Improvements project in the not to exceed amount of One Hundred Five Thousand Four Hundred Twenty-Five and 00/100 Dollars (\$105,425.00).

### **BACKGROUND**

The Parks and Storm Water Sales Tax was approved by voters in 2011. A project to reduce the flooding along Illinois Avenue south of Seventh street was included on the approved list of projects. The source of flooding is Joplin Creek to the east of Illinois Avenue. On April 1, 2019 council approved an agreement with Branco Enterprises Inc for construction of the 7<sup>th</sup> and Illinois Area Stormwater Improvements project. The project will serve to enhance the level of service provided at the location by lowering the water surface elevation during the 100-year rain event so flooding of adjacent property and Illinois Avenue is less likely. This will be achieved by lowering the flowline/bottom of the channel as well as widening the channel to the east within the scope of the project. Stormwater improvements on Illinois avenue in the form of installation of additional curb inlets is also included within the scope of the project.

### **DISCUSSION**

Change Order #2 will serve to incorporate the rehabilitation of a section of the channel immediately downstream of the current project limits which has suffered significant damage to its banks as a result of the numerous intense and unusually heavy rain events experienced this past Spring/Summer. During the survey and design of the project in 2013 the grouted riprap in place which protects the banks of the channel from erosion was observed to be in good condition. Subsequent rain events since then, however, have undermined the protective grouted riprap along the banks of the channel, causing them to break apart and fall into the channel and expose the banks to erosion. This change order provides for the re-stabilization of the bank as well as the replacement of the grouted riprap. Further included in this change order are improvements for the Ewert Park parking lot including stormwater improvements in the form of installations of inlets to facilitate better drainage of the parking lot as well the removal and replacement of the existing

sidewalk to make it ADA compliant and better serve the general public This change order will increase the contract's value by less than 5% of the original amount and the cost is within industry standard.

**FUNDING SOURCE**

These payments are included in the FY 2018-19 budget Parks and Storm Water Sales Tax.

**RECOMMENDATION**

Staff recommends approval of this Council Bill No. 2019-146 on an Emergency Basis, in that said ordinance provides for public improvements and is considered to be an emergency within the meaning of Section 2.12(6) of the HOME RULE CHARTER of the City of Joplin, Missouri, and as such, this Ordinance shall become effective immediately upon its passage.