CITY OF JOPLIN
COUNCIL AGENDA ITEM

ITEM
Council Bill 2019-114 – amendment to consulting agreement for design and construction management services for the 7th and Illinois Area Stormwater Improvements (TSO606 and TSO607).

MEETING DATE
March 18, 2019

ORIGINATING DEPARTMENT
Public Works - Engineering

ATTACHMENTS
Location Map, Amendment, CB2019-114

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

SUMMARY
This Council Bill authorizes the City Manager or his designee to enter into an agreement to execute an Amendment to the Consultant Agreement with Allgeier, Martin and Associates, Inc (AMA). in the not to exceed amount of Thirty Thousand and 00/100 dollars ($30,000.00) for additional design work and construction management services for the 7th and Illinois Area Stormwater Improvements (TSO606 & TSO607).

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. The goal of one of the approved projects, the Massachusetts Avenue Regional Detention Project in Park Hill Park, was to reduce flooding downstream in Joplin Creek. After engineering models determined that the detention pond would be ineffective, the project scope for the Massachusetts Avenue Regional Detention was subsequently revised into channel improvements north and south of 7th street and thereafter combined with another approved project, project TSO606 Storm Water Improvements on Illinois Avenue between 7th and 9th street. 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. Pre-project the flow line during the 100 year rain event at Illinois avenue was 4 feet above the inlet elevation and after the project it will be reduced to less than a foot above the inlet elevation.

DISCUSSION
During a work session between Public Works staff, Park's Department staff, and AMA staff to discuss the upcoming 7th and Illinois Area Stormwater Improvements project and its schedule relative to Ewert Park's event schedule, it had been mutually recognized that the addition of another pedestrian crossing, which would serve the existing skate park, may be desirable to be included as an alternate bid item

which could be picked up if funds allow. Additionally, during the design review process for the project, staff determined an alternative to an aerial sanitary sewer crossing that was called for in the original design of the project would provide for an improved level of service both for stormwater conveyance as well as sanitary sewer service (as the sanitary sewer pipe in question was at the end of its life cycle) and thus took the opportunity to include the work with this amendment. Lastly, because of the need for utility relocation and in order to be able to proceed forward with construction of the project this year, the project will be broken down into two phases. The first phase will focus on the additions of storm water improvements in Ewert Park and Illinois Avenue with construction anticipated to be starting Spring of 2019. The second phase will include all remaining channel improvements with construction anticipated to start in 2020. This amendment includes fees associated with the additional services for the design and addition of the pedestrian bridge at Ewert park as an alternate bid item, design and addition of the sanitary sewer replacement, and project management associated with the phasing of the project into two phases. The $30,000.00 called for in the amendment is within industry standards and will raise expenditure thus far of the allotted total budget for the project to approximately 11%. The inspection associated with this project will be completed in-house.

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. 2019-114 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.