

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

### **ITEM**

Council Bill 2022-102 – approving a construction agreement with Jeff Asbell Excavating and Trucking Inc. for construction of the Lone Elm and Murphy Stormwater Improvements (TS0608).

### **MEETING DATE**

January 18, 2022

### **ORIGINATING DEPARTMENT**

Public Works - Engineering

### **ATTACHMENTS**

Location Map, Bid Summary, Agreement, CB2022-102

### **REVIEWED BY**

Director of Public Works: David K. Hertzberg; Director of Finance: Leslie Haase; City Attorney: Peter Edwards; City Manager: Nicholas Edwards.

### **SUMMARY**

This Council Bill authorizes the City Manager or his designee to enter into an agreement with Jeff Asbell Excavating and Trucking Inc., in the amount of Three Hundred Seven Thousand Four Hundred Eighteen and 43/100 Dollars (\$307,418.43) for construction of the Lone Elm and Murphy Stormwater Improvements (TS0608) project.

### **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 to reduce flooding at the intersection of Lone Elm and Murphy Boulevard. The existing double 10' x 4' Reinforced Concrete Box culvert under Murphy Boulevard is undersized with only slightly more capacity than a 2-year storm discharge. At the northwest corner of the Lone Elm and Murphy Boulevard intersection, water currently ponds on the edge of the roadway and adjacent to the existing culvert in the Lone Elm Hollow ditch. The Lone Elm and Murphy culvert improvements will replace the existing culvert with a triple cell 10' x 5' Reinforced Concrete box culvert. The replacement will increase the current capacity from a 20% Annual Exceedance Probability (AEP) peak flowrate level of service for the existing culvert to a 10% AEP peak flowrate level of service with the new box culvert. This improvement will decrease the number of times the roadway will be inundated, as well as reduce the depth of inundation from more intense rain events, with overtopping of less than one inch for the 4% AEP peak flow rate (i.e. 25-yr storm event). Additionally, replacement of the culvert will allow for roadway improvements in the form of wider lanes, thereby eliminating the current need for the protective railing and improving overall traffic safety for motorists. The culverts also allow for the installation of curb and gutter in the roadway as well as possible sidewalks in the future.

In accordance with the City of Joplin's procurement policies, a request for proposals for construction of the Lone Elm and Murphy Stormwater Improvement project was advertised. Four proposals were received, and bids were opened on January 6, 2022, with Jeff Asbell Excavating and Trucking Inc. selected as the lowest, most responsive bidder. The bid was below the

Engineer's estimate. Construction inspection services are intended to be performed in-house by the Public Works department.

**FUNDING SOURCE**

These payments are included in the FY 2021-22 budget of the Parks and Storm Water Sales Tax fund.

**RECOMMENDATION**

Staff recommends approval of this Council Bill No. 2022-102, an agreement with Jeff Asbell Excavating and Trucking Inc., in the amount of Three Hundred Seven Thousand Four Hundred Eighteen and 43/100 Dollars (\$307,418.43) for construction of the Lone Elm and Murphy Stormwater Improvements (TS0608) project on first reading.