

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

### **ITEM**

CB 2021-109 - Work Authorization for the I-44 Interceptor Sewer Replacement (Phase 1) Project

### **MEETING DATE**

February 1, 2021

### **ORIGINATING DEPT**

Public Works/Engineering

### **ATTACHMENTS**

CB 2021-109 Ordinance; Work Authorization WA AMA-OC21-002, Exhibit Map 1 & 2

### **REVIEWED BY**

Director of Public Works – David Hertzberg, Director of Finance – Leslie Haase, City Attorney – Peter C. Edwards, City Manager – Nicholas Edwards

### **SUMMARY**

This Council Bill approves a work authorization with Allgeier, Martin and Associates, Inc. for the I-44 Interceptor Sewer Replacement (Phase 1) Project in the not to exceed amount of Four Hundred Fifty Thousand, Six Hundred and 00/100 Dollars (\$450,600.00)

### **BACKGROUND**

the primary source of wastewater that flows into the Tin Cup lift station flows through the so-called, “I-44 Interceptor Sewers,” serving an extensive basin in the south extremities of current Joplin city limits. The attached Exhibit Map 2 shows the basin’s limits, and also indicates that portions of the piping network flow through the Village of Leawood. In recent decades, significant developments have occurred within the basin, resulting in a greatly reduced level of service. Specifically, Mercy Hospital, Joplin’s South Middle School, and the wastewater collection system within Silver Creek were built; additional flows are expected from the upcoming Menard’s development currently planned near Sam’s Club. In its 2020 Wastewater Facilities Plan, Allgeier, Martin (AMA) recommended a phased approach to upgrading the trunk lines, beginning with replacing the existing 24” and 30” concrete trunk line from 44<sup>th</sup> Street, through Leawood, and ending at Hwy. 86 (south Main Street); see the attached Exhibit Map 1. Larger diameter pipes made of non-corrosive materials will be installed, and will accommodate the projected 2040 flows from the study, along with the anticipated development in the basin. This work authorization directs AMA to prepare construction drawings and specifications for upgrading the first phase of this interceptor sewer. AMA was chosen as the most qualified on-call consultant for this project due to their familiarity with the project. The consultant’s fees are within industry standards. Public Works intends to provide construction inspection and management, but AMA’s scope and fees include these services in the event that staff are unable to do the work.

### **FUNDING SOURCE**

FY 2020-2021 budget of the Wastewater fund

**RECOMMENDATION**

Staff recommends adoption of this Council Bill on a non-emergency basis.