



## CITY OF NORMAN, OK STAFF REPORT

**MEETING DATE:** 01/10/2023

**REQUESTER:** Joseph Hill, Streets Program Manager

**PRESENTER:** Shawn O'Leary, Director of Public Works

**TITLE:** CONSIDERATION OF APPROVAL, ACCEPTANCE, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF CHANGE ORDER NO. ONE TO CONTRACT K-2223-8: BY AND BETWEEN THE CITY OF NORMAN, OKLAHOMA, AND CIMARRON CONSTRUCTION COMPANY INCREASING THE CONTRACT AMOUNT BY \$84,180 FOR A REVISED AMOUNT OF \$508,604 FOR THE FYE 2023 BRIDGE MAINTENANCE PROGRAM.

### **BACKGROUND:**

The Oklahoma Department of Transportation (ODOT) is tasked by the Federal Highway Administration (FHWA) to perform Bridge Safety Inspections for all publicly owned structures greater than 20 feet in length. Inspections are performed at least once every two years to identify any critical findings, document the bridge condition and make repair recommendations if necessary. The City of Norman currently has 75 bridges requiring inspection per FHWA criteria.

On October 26, 2021, City Council approved Resolution R-2122-45, selecting H.W. Lochner, Inc. as the City of Norman's appointed Bridge Inspection Consultant to the Oklahoma Department of Transportation for compliance with the National Bridge Inspection Standards.

H.W. Lochner completed the required Bridge Safety Inspections in December 2021, and provided the inspection reports to city staff. Data obtained from the Bridge Safety Inspections were used to identify bridges that are in need of rehabilitation, maintenance, and/or replacement.

The 2021 Bridge Safety Inspection results identified 4 structurally deficient bridges, 8 functionally obsolete bridges, and 14 bridges at risk of becoming structurally deficient. Based on this data, city staff identified and ranked bridges in need of maintenance activities. This project will perform the identified maintenance activities on ten (10) bridges within the city limits that are deemed our highest priorities for maintenance as listed below:

- NBI No. 07175 – E. Stella Rd. (0.3 miles west of 144<sup>th</sup> Ave. NE)
- NBI No. 25114 – E. Alameda St. (0.1 miles west of S. Carter Ave.)
- NBI No. 25115 – E. Alameda St. (20 feet east of S. Carter Ave.)
- NBI No. 20609 – Franklin Rd. (0.8 miles east of Indian Meridian Ave.)
- NBI No. 28824 – 36<sup>th</sup> Ave. NW (0.6 miles south of W. Robinson St.)

- NBI No. 12331 – E. Brooks St (300 feet east of Oklahoma Ave.)
- NBI No. 10884 – 72<sup>nd</sup> Ave. SE (0.1 miles south of Cedar Lane Rd.)
- NBI No. 20084 – Crossroads Blvd. (0.2 miles east of 36<sup>th</sup> Ave. NW)
- NBI No. 10269 – 156<sup>th</sup> Ave. NE (0.3 miles south of Franklin Rd.)
- NBI No. 19348 – Franklin Rd. (0.2 miles west of 72<sup>nd</sup> Ave. NE)

On August 23, 2022, City Council approved Contract K-2223-8 with Cimarron Construction Company (Cimarron) in the amount of \$424,424 to perform maintenance activities on the aforementioned bridge locations as part of the City's annual Bridge Maintenance Program.

### **DISCUSSION:**

During the performance of maintenance activities on bridge NBI No. 20084 located on Crossroads Boulevard, Cimarron found extensive undermining requiring additional repairs not detailed in the original bid package. The scale and nature of the repairs cannot be handled with the pay items listed in the original bid package prompting this change order and the creation of three (3) new pay items. The contractor provided unit prices for the three (3) new pay items. The unit prices were then compared to ODOT's recent price history as well as prices for the same pay items from recent City of Norman projects and determined to be fair.

Of the twenty-two (22) bid items associated with the original bid, five (5) items have a quantity change resulting in an estimated increased cost of \$53,955 or 12.71%. The three new pay items will result in an increased cost of \$30,225 or 7.13%. If approved, the overall contract will increase from \$424,424 to \$508,604 or 19.83% (please see the attached Change Order No. 1 for a complete list of proposed bid item cost increases and decreases). Funds are available for Change Order No. 1 in Bridge Maintenance Program, Construction (Account Organization 50596687, Object 46101; Project TC0254) which has a current unencumbered balance of \$245,010.63.

### **RECOMMENDATION:**

Staff recommends that Change Order No. 1 increasing Contract K-2223-8 for the FYE 2023 Bridge Maintenance Program by \$84,180 be approved.