



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 11/9/2021

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 FINAL ACCEPTANCE OF CONTRACT K-2122-6: BY AND BETWEEN THE CITY OF NORMAN, OKLAHOMA, AND HASKELL LEMON CONSTRUCTION COMPANY FOR THE FYE 2022 BRIDGE MAINTENANCE PROGRAM AND FINAL PAYMENT OF \$7,552.45.

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 December 19, 2017, City Council approved Resolution R-1718-68, 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 November 2019, 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 2019 Bridge Safety Inspection results identified 13 structurally deficient bridges, 8 functionally obsolete bridges, and 8 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 four bridges within the city limits that are deemed to be our highest priorities for maintenance as listed below:

- NBI No. 05645 – 48th Ave. SE (0.8 miles South of HWY 9)
- NBI No. 18958 – W. Imhoff Rd. (0.2 miles East of S. Berry Rd.)
- NBI No. 20034 – Cedar Lane Rd. (0.8 miles East of Indian Meridian Ave.)
- NBI No. 09189 – 60th Ave. NE (0.5 miles North of Rock Creek Rd.)

On July 13, 2021, City Council approved Contract K-2122-6 with Haskell Lemon Construction Co., in the amount of \$370,370.00 to perform maintenance activities on the aforementioned bridge locations as part of the City's annual Bridge Maintenance Program.

On July 29, 2021, City Staff were made aware of the failure of the southeast wing wall attached to the West Imhoff Road Bridge, NBI No. 18958. Upon initial inspections performed by City Staff, the condition of the bridge was found to be severe enough to warrant immediate closure.

On August 10, 2021, Haskell Lemon Construction Co., mobilized to the West Imhoff Road Bridge to begin removing the debris from the channel that was restricting the flow of Imhoff Creek which was part of the original scope of work listed in the FYE 2022 Bridge Maintenance Program contract. On August 11, 2021, Haskell Lemon Construction Co., investigated spalling on the northwest wing wall that was also identified in the FYE 2022 Bridge Maintenance Program contract scope. During their investigations a large portion of concrete came loose exposing the joint between the wing wall and the bridge structure. The wing wall was found to have approximately 1.5" of separation from the bridge structure with no reinforcing tie-ins. This wing wall has three (3) utility lines routed through it: a sanitary sewer line, a 4" gas line, and a potable water line. The wing wall is in danger of a full-scale failure; which failure would affect these three utilities as well as the structure's stability.

In response to the Emergency situation at the Imhoff Creek Bridge, NBI No. 18958, Haskell Lemon Construction agreed to reduce the scope of Contract K-2122-6 whereby the add alternate location, NBI No. 09189 – 60th Ave. NE (0.5 miles North of Rock Creek Rd.), and the remaining work unperformed on the West Imhoff Road Bridge would be removed from the scope of Contract K-2122-6.

On September 28, 2021, City Council approved Change Order No. 1 decreasing Contract K-2122-6 for the FYE 2022 Bridge Maintenance Program by \$219,320.95.

DISCUSSION:

The final payment amount owed to Haskell Lemon Construction Company is \$7,552.45, which includes the full 5% retainage. This contract is accounted for in Bridge Maintenance Projects, Construction (Account 50596687-46101; Project TC0254).

RECOMMENDATION:

Staff recommends final acceptance of the FYE 2022 Bridge Maintenance Program, Contract K-2122-6, and final payment to Haskell Lemon Construction Company be approved in the amount of \$7,552.45.