



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 2/22/2022

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-2122-59: BY AND BETWEEN THE CITY OF NORMAN, OKLAHOMA, THE NORMAN UTILITIES AUTHORITY, AND HASKELL LEMON CONSTRUCTION COMPANY INCREASING THE CONTRACT AMOUNT BY \$146,498, FOR A REVISED CONTRACT AMOUNT OF \$1,587,193 TO ADD UTILITY AND DRAINAGE STRUCTURE INSTALLATION TO THE IMHOFF BRIDGE EMERGENCY REPAIRS PROJECT AND BUDGET APPROPRIATION AND BUDGET TRANSFERS AS OUTLINED IN THE STAFF REPORT

BACKGROUND:

On Tuesday, September 14, 2021, City Council approved Contract K-2122-59 selecting Haskell Lemon Construction Co., to perform the necessary emergency repairs on the West Imhoff Road Bridge (NBI No. 18958), which had previously been selected for maintenance activities as part of the FYE 2022 Bridge Maintenance Program. The repairs were in response to the discovery of the failure of the southeast wing wall on July 29, 2021 and subsequent closure of the bridge.

On August 24, 2021, H.W. Lochner Inc. was issued a Notice to Proceed to prepare plans for the repair, with a completion date for the repair plans of September 8, 2021. The repairs identified by H.W. Lochner Inc. included the following:

- Demolition of all four existing wing walls
- Construction of four new wing walls and accompanying doweled tie-ins
- Construction of concrete aprons on the north and south ends
- Construction of curtain walls on the north and south ends
- Connection of a new drainage structure on the southeast side
- Installation of rip rap for erosion control
- Resurfacing of the roadway

Haskell Lemon Construction Co. began repair operations, within the scope of work for Contract K-2122-59 on September 28, 2021, with an estimated completion date of March 24, 2021.

DISCUSSION: Identified in the plan set from H.W. Lochner Inc. was the connection of a new drainage structure on the southeast side of the bridge. The existing storm sewer line is a 32" reinforced concrete pipe. Demolition and excavation in the area revealed the proposed solution would need to be amended to fit the conditions. Staff determined that the most cost effective and time saving solution would be the installation of a "Nyloplast" inlet and high-performance polypropylene pipe.

On the north side of the bridge, utility lines spanned the gap between the two wing walls; one 8" sanitary sewer line, one 8" potable water line, and one 4" natural gas line. Midway between the span, the existing utility lines rested on concrete pedestals that also needed to be removed to accommodate the new casing for the utility lines. Staff coordinated with both Oklahoma Natural Gas and Norman Utilities Authority staff to cut and cap each of lines in preparation for removal. Because of the strict regulations concerning the installation of potable water line, Haskell Lemon Construction Co. elicited a quote from a sub-contractor for the installation of the new sanitary sewer and potable water lines (the sub-contractor quote is included in attachments).

The roadway is estimated to be passable by the original completion date of March 24, 2022 with the additional time requested intended to be used for testing and other utility related work.

Staff has coordinated with the Utilities and Finance Departments to identify funding for this public utility work. The proposed transfers and appropriation are summarized in the table below:

Project Number	Account	Amount
WA0224	Water Distribution, Construction (31993360-46101)	\$45,000
WW0321	Sanitary Sewer Replacement, Construction (32193338-46101)	\$45,000
Capital Fund Balance	(50-29000)	\$56,498
	Total	\$146,498

Of the twenty-eight (28) original bid items, one (1) item had a quantity change which resulted in an increased cost. Additionally, nine (9) bid items were added associated with the utility work on the north side of bridge for an overall cost increase of \$146,498 or 10.17%. The contract increased from \$1,440,695.00 to \$1,587,193. (The change order lists bid item cost increases.

RECOMMENDATION 1: Staff recommends that Change Order No. 1, increasing Contract K-2122-59 for the Imhoff Bridge Emergency Repairs Project with Haskell Lemon Construction Co., by \$146,498, for total cost from \$1,440,695 to \$1,587,193, by adding the new drainage structure and installation of new utility lines to the north side of the bridge, be approved.

RECOMMENDATION 2: Staff further recommends the transfer of \$45,000 from Water Distribution Systems, Construction; and \$45,000 from Sanitary Sewer Replacement, Construction; to the Imhoff Bridge Emergency Response Project, Construction (50593352-

46101; Project TC0281); and the appropriation of \$56,498 from the Capital Fund Balance (50-29000) to the Imhoff Bridge Emergency Response Project, Construction (50593352-46101; Project TC0281) be approved.