

CITY OF JOPLIN COUNCIL AGENDA ITEM

ITEM

Council Bill 2021-119 – approving a construction agreement with G&G Construction Company Inc. for construction of the 10th and Chestnut Culvert Replacement project.

MEETING DATE

March 15, 2021

ORIGINATING DEPARTMENT

Public Works - Engineering

ATTACHMENTS

Location Map, Bid Summary, Agreement, CB2021-119

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 G&G Construction Company Inc., in the amount of Two Hundred Eleven Thousand Eight Hundred Twelve and 58/100 Dollars (\$211,812.58) for construction of the 10th and Chestnut Culvert Replacement project.

BACKGROUND

The “Old Willow Branch” system is one of the oldest storm sewer systems in the City. This expansive system runs through the heart of downtown Joplin and together with the “New Willow Branch system” collectively attenuates the 25-year storm to significantly reduce the frequency of flooding. Due to its advanced age, the 100+ year old “Old Willow Branch”, has been particularly vulnerable to deterioration. The culmination of the repeated stress in passing various rain events over its lifetime has resulted in the structural failure of a section of the system at 10th and Chestnut, where the existing 8’ x 3’ (inside dimensions) Reinforced Concrete Box (RCB) buckled and fractured under the weight of a mini skid steer which had been driven over it by a roofing contractor working in the area. The top of the failed box in this section also served a dual purpose as a sidewalk for pedestrians and residents in the area.

Following the culvert failure, the public works department temporarily patched the collapsed section of the culvert with a steel plate. City staff then acquired survey data for the storm sewer system in the area and developed the in-house design plans for the replacement of approximately 226 linear feet of the failed RCB with a box of a similar size. The plans also call for the replacement of 4 inlets connecting to the box along Chestnut as well as sidewalk and ADA ramp installation work. In accordance with the City of Joplin’s procurement policies, a request for proposals for construction of the 10th and Chestnut Culvert Replacement project was advertised on February 7, 2021. Seven proposals were received, and bids were opened on March 2, 2021 with G&G Construction Company 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 2020-21 budget of the Parks and Storm Water Sales Tax fund.

RECOMMENDATION

Staff recommends approval of this Council Bill No. 2021-119, approving a construction agreement with G&G Construction Company Inc. in the amount of Two Hundred Eleven Thousand Eight Hundred Twelve and 58/100 Dollars (\$211,812.58) for construction of the 10th and Chestnut Culvert Replacement project on first reading.