

CITY OF JOPLIN COUNCIL AGENDA ITEM

ITEM

Council Bill 2021-145 – approving a construction agreement with Southwest Missouri Traffic Management Inc. for construction of the 10th and Main Culvert Replacement project.

MEETING DATE

August 2, 2021

ORIGINATING DEPARTMENT

Public Works - Engineering

ATTACHMENTS

Location Map, Bid Summary, Agreement, CB2021-145

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 Southwest Missouri Traffic Management Inc., in the amount of Two Hundred Twenty-Five Thousand Two Hundred Thirty and 00/100 Dollars (\$225,230.00) for construction of the 10th and Main Culvert Replacement project.

BACKGROUND

A 100-foot run of 5' X 6.5' Reinforced Concrete Box (RCB) runs along the west side of Main street and south of 10th street. This section of the storm sewer dates back to the 1930s and serves a dual purpose in acting as a section of sidewalk on the west side of Main street for pedestrians. Heavy rains experienced during the course of its lifetime, coupled with the natural process of deterioration of the box due to its age, has contributed to the failure of this section of the storm sewer system. Currently, the top of the box has collapsed at various points, necessitating the installation of steel plates as a temporary stop gap measure until the box itself can be replaced in its entirety. Identifying the public safety risk posed by the deteriorated condition of the box (including the sidewalk) City staff developed design plans in-house for the replacement of the box culvert.

During the design phase, staff explored the opportunity to improve the hydraulics of the storm sewer conveyance system by improving its capacity and efficiency. In order to achieve this, City staff worked with MNA railroad and successfully reached an agreement which would allow for the extension of an existing 72" RCP storm sewer system and the re-alignment and enclosure of the storm channel in railroad right-of-way. This agreement, passed by council on the November 16th 2020 meeting, allowed for the installation of the improvements as well as the continued occupancy by the City with these improvements within railroad right-of-way. As part of this agreement City staff were able to successfully negotiate with MNA the waiving of the annual fee, agreement processing fee, engineering review fee and contractor right of entry fee normally associated with the Occupancy agreement application. In addressing the stormwater issue, City staff took the opportunity to inject some beautification within the public right-of-way for the area by replacing approximately 230 LF of sidewalk and Curb and Gutter. The project will also greatly improve ADA accessibility with the sidewalk replacement and ADA ramp installation.

In accordance with the City of Joplin's procurement policies, a request for proposals for construction of the 10th and Main Culvert Replacement project was advertised on June 19, 2021. Three proposals were received, and bids were opened on July 20th, 2021 with Southwest Missouri Traffic Management 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. 2021-145, approving a construction agreement with Southwest Missouri Traffic Management Inc. in the amount of Two Hundred Twenty-Five Thousand Two Hundred Thirty and 00/100 Dollars (\$225,230.00) for construction of the 10th and Main Culvert Replacement project on an emergency basis, in that said ordinance provides for public improvements and is considered to be an emergency per section 2.12(6) of the HOME RULE CHARTER of the City of Joplin, Missouri, and as such, this ordinance shall become effective immediately upon its passage. Specifically, approval of this council bill on an emergency basis will allow for the City to secure material prices under the current volatile market, as well as ensure fabrication of the 72" RCP in expedient fashion to allow for completion of project during the winter months ahead of the spring rains.