



## Legislation Text

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**File #:** 22-4891, **Version:** 2

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Resolution - A Resolution Approving an Amendment to the Contract for Design Services with Garver for the US 287 Frontage Road Utility Relocations and 30-Inch Water Line Project for an Amount Not to Exceed \$120,000 (Utility Fund)

Consider a Resolution approving an amendment to the contract for design services with Garver for the US 287 Frontage Road Utility Relocations and 30-Inch Water Line Project for an amount not to exceed \$120,000.

The Engineering Staff recommends approval of the Resolution.

The original contract with Garver was approved on February 22, 2021 with Resolution 3729-21 in the amount of \$600,100 to design the relocation of city water and sanitary sewer lines to an acceptable permanent location along US Hwy. 287 and incorporate the design of a 30" water line along Lone Star Rd.

In recent months, our major wholesale water customer, JCSUD, has made a request to Water Utilities for an increase in water service. To accommodate this request, an accelerated timeline for the 30" water line was deemed necessary. Pipe material shortage and cost increases warranted the need for an alternative pipeline material market analysis to strategize an accelerated timeline for start of construction of the 30" water line. Additional subsurface utility exploration was included to reduce the risk associated with the expedited pipe procurement timeline and custom pipe order.

The cost also includes many coordination efforts with TxDOT to include frontage road design changes, additional TxDOT conflict evaluations, right-of-way exhibits, and multiple reviews of an Exception/Variance Request. Garver also incorporated changes to the field conditions in the TxDOT right-of-way from the start of the project in March 2021 until the final design of the 30" water line in 2022. The changed field conditions included a recently installed gas line, electric facilities, and TxDOT construction staging area near the 30" water line alignment. Additional efforts were necessary to investigate an unidentified obstacle within the TxDOT right-of-way that stopped a 24-inch bore, revise construction plans for a new location of the bore to clear the obstacle, and obtain a TxDOT permit for the revised pipeline location.

This additional design work was needed to accommodate the accelerated timeline for the installation of the 30" water line to satisfy the JCSUD demand for water service, the continued TxDOT coordination efforts and the many other unavoidable changes detailed above.

The Assistant Director of Public Works/City Engineer will be in attendance at the meeting to answer Council's questions regarding the proposed funding and contract amendment.

Utility Fund

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