



## AGENDA MEMORANDUM

Action Item for the City Council Meeting of February 09, 2021

**DATE:** February 9, 2021

**TO:** Peter Zaroni, City Manager

**FROM:** Jeff H. Edmonds, P.E., Director of Engineering Services  
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### **Construction Change Order**

Holly Road – Rodd Field to Ennis Joslin

#### **CAPTION:**

Motion authorizing the execution of Change Order Number 3 with Bay, LTD, Corpus Christi, Texas for the installation of a 30-inch valve on the existing 30-inch transmission main located on Holly Road between Airline and Rodd Field Road, located in Council District 4, in an amount of \$168,804.13 for a total not to exceed amount of \$8,697,683.26, with FY 2021 funding available from Water Capital Reserve Fund.

#### **SUMMARY:**

This Change Order authorizes the additional funding required for the installation of a new 30-inch valve on the existing 30-inch transmission main located on Holly Road between Airline and Rodd Field Road and the installation of a 30" line stop to minimize the outage area.

#### **BACKGROUND AND FINDINGS:**

The Holly Road from Rodd Field to Ennis Joslin construction contract was awarded to Bay, LTD on August 27, 2019. The project is currently under construction with projected completion in April of 2021. There was an existing 30" water transmission main within the former Holly Road roadbed throughout the project limits that was originally installed in 1971. The existing line was replaced from Rodd Field to Ennis Joslin as part of the Holly Road project. That water main is the primary source of supply for parts of Flour Bluff, the Island and Port Aransas.

During routine maintenance operations in early 2020, the existing 30" valve at Rodd Field Road and Holly Road failed. Repairing that valve will require depressurizing the area between Rodd Field and the next upstream valve at Staples Street. That would require closing 13 additional valves and would depressurize the customers in an area of about one-half square mile.

Since such a widespread outage is considered unacceptable, the Utilities Department requested that Engineering Services provide contractor support for installation of a 30" line stop so the valve at Rodd Field can be repaired and to also install a new 30" valve on the existing transmission

main between Rodd Field and Staples Street. The new valve will allow for better operation and control of the water distribution system.

Using the existing Holly Road contract was the most expeditious means of accomplishing this work since the contractor is on site and has experience working on this 30" main. Change Order Number 3 authorizes the additional funding needed in the amount of \$168,804.13 for installation of a 30-inch valve on the existing 30-inch transmission main and the installation of a 30" line stop.

**PROJECT TIMELINE WITH CHANGE ORDER:**

Currently, the construction is ahead of the contract completion date of April 10, 2021. Change Order No. 3 will add 10 additional calendar days extending the completion date to April 20, 2021.

**ALTERNATIVES:**

The City could defer this work until a future date, but this would delay the repair of the existing valve and installation of a new 30-inch valve on the existing 30-inch transmission main. This could result in additional construction cost for mobilization, bonds, and insurances. This would also increase the risk of a widespread outage since the existing 30" valve at Rodd Field and Holly Road is inoperable.

**FISCAL IMPACT:**

The fiscal impact for FY 2021 is an amount of \$168,804.13 with funding available from the Water Capital Reserve Fund.

**Funding Detail:**

Funds for the Change Order No. 3 are available through Water Capital Reserve Fund.

Fund:	Water 2020 (Fund 4099)
Mission Elem:	Water Distribution System (ME 041)
Project No.:	Holly Road (Rodd Field Rd to Ennis Joslin Rd) (Project# 18021A)
Account:	Construction contract (Account #550910)
Activity:	18021-A-4099-EXP
Amount:	\$168,804.13

**RECOMMENDATION:**

Staff recommends approval of this Change Order No. 3 in an amount of \$168,804.13, with Bay, LTD for installation of a 30-inch line stop and a new 30-inch water valve on the existing 30-inch transmission main. Construction is anticipated to be completed by April 20, 2021.

**LIST OF SUPPORTING DOCUMENTS:**

Location & Vicinity Maps  
Change Order No. 3