



## CITY OF GRAND PRAIRIE COMMUNICATION

---

**MEETING DATE:** 05/20/2025

**PRESENTER:** Noreen Housewright, Director of Engineering/Utility Services

**TITLE:** Ratification of an expenditure for an emergency 30-inch water line repair at the Small Hill Pump Station with North Texas Contracting, Inc. in the total amount of \$732,469.24

**REVIEWING COMMITTEE:** (Reviewed by the City Council Development Committee on 05/20/2025)

---

**SUMMARY:**

<u>Vendor Name</u>	<u>Total Cost</u>
North Texas Contracting, Inc.	\$732,469.24

**PURPOSE OF REQUEST:**

A leak was discovered on a 30-inch water line that supplies water from the Small Hill Pump Station to the Robinson Elevated Storage Tank in the 660 Pressure Plane. This pipeline, originally constructed in the 1950s, had no available as-built drawings. Based on GIS data, the water line was believed to run through a rock riprap slope adjacent to an existing metal building.

Due to the estimated depth of the pipe, its proximity to the building, and the potential need for shoring, North Texas Contracting, Inc. (NTC) was called in to assist with the repair. Crews began excavation through the sloped riprap but were initially unable to locate the pipe. They then attempted to dig beneath the building's foundation, where they encountered a 45-degree bend in the line—indicating the pipe was significantly deeper than expected.

Further investigation revealed that during the original construction in the 1950s, the pipe had been routed beneath a creek bed that once ran through the area. Because of the depth, location, and size of equipment required for the repair, the metal building above the pipe had to be dismantled and removed.

While the 30-inch main was isolated for repairs, two homes lost direct water service and the City's utility shop was left without fire suppression capabilities. To mitigate the impact, utility crews temporarily restored water service to the affected residences by connecting them to a nearby fire hydrant.

The Small Hill Pump Station supplies water to the 660 Pressure Plane through two mains—a 30-inch and a 36-inch water line. To complete the repair, the 30-inch line had to be isolated, temporarily shifting the full supply load onto the 36-inch line. While the 36-inch main was able to meet demand during the winter months, it is not sufficient to sustain peak demand without support from the 30-inch line. Without

the 30-inch in service, the City would be unable to meet high water demands in the 660 Pressure Plane, putting service reliability at risk for a large portion of the community.

The urgency of the repair was further underscored by visible damage to the landscaping in the adjacent park caused by the leak. The 660 Pressure Plane serves nearly half of Grand Prairie's population, making the integrity of this transmission line critical to the City's overall water distribution system.

Local Government Code Chapter 252 allows for an exemption from the bid process for procurement necessary because of unforeseen damage to public machinery, equipment, or other property.

Exigency purchases are exempt from bidding requirements as stated in Section 252.022 of the Local Government Code. State law clarifies exigency as a procurement necessary to preserve or protect the public health or safety of the municipality's residents.

**FINANCIAL CONSIDERATION:**

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Water CIP Fund
-----------	-------------------------------------	------------	----------------

**ATTACHMENTS / SUPPORTING DOCUMENTS:**

1- Estimate