



MEMORANDUM

To: Mayor and City Council

From: Kent Collins P.E., Director of Public Works

Date: January 8, 2019

Reference: Ratification for emergency repair of a 24" water main located at the intersection of E. Sandy Lake Rd.

General Information:

- On 11/15/2018 Public Works was notified of a leak on E. Sandy Lake Rd.
- Initial investigation identified a main break at the intersection of E. Sandy Lake Rd. coming from a valve stack located in the center lane.
- The 24" RCCP (Reinforced Concrete Cylinder Pipe) water line was installed in the late 1990's.
- Emergency repairs were made to prevent further damage to the water system and roadways.
- The repair to the water main was completed on 12/1/2018.
- This memo is to ratify the emergency repair in the amount of \$91,000 for the water main repair and \$27,696.83 for the pavement repair.

Introduction:

Consider ratification of an emergency contract in the amount of \$91,000 to Canary Construction and \$27,696.83 to NPL Inc, for the emergency repair of a 24" waterline on E. Sandy Lake Road and pavement repair; using funds from the water/sewer operations; and executed by the City Manager according to General Exemption (1) of section 252 of the Local Government Code.

Analysis:

The City of Coppel was notified of water leaking from a valve stack on E. Sandy Lake Rd. at Denton Tap Road. We contacted Canary Construction to perform the initial investigation to determine where the leak was. Our initial investigation identified the leak was coming from a 1990's 24" RCCP water line that was underneath the right turn land and sidewalk on E. Sandy Lake Rd. Various valves were identified and exercised to eliminate any businesses or residents being out of water. After several days of valve exercising the water was brought down to a low flow and repairs could be made safely. After digging and exposing the damaged water main the hole measured 25ft. long, 12ft. wide and 18.5ft. deep. Due to the depth of the water main larger excavation equipment and safety equipment

had to be utilized to complete the repairs. Once exposed it was determined that the entire circumference of the reinforced concrete cylinder pipe was damaged and had to be repaired by a specialized welder. Canary Construction was able to make the repair and backfill was complete the following day. NPL, who is our current pavement contractor, made the pavement repairs the week of 12/10/2018.

Legal Review:

In the Coppel Code of Ordinances, Chapter 1, Article 1-5-6 G, it states “No expenditure exceeding \$50,000.00 may be made without competitive bids except when the expenditure falls within one of the general exemptions outlined in section 252.022 of the Texas Local Government Code, provided however, that in the event of an emergency expenditure, such emergency shall be declared by the city manager and approved by the city council, or may be declared by the city council in its resolution authorizing execution of the contract.”

Section 252.022 of the Texas Local Government Code states “GENERAL EXEMPTIONS. (a) This chapter does not apply to an expenditure for: a procurement made because of a public calamity that requires the immediate appropriation of money to relieve the necessity of the municipality's residents or to preserve the property of the municipality;”

Fiscal Impact:

The fiscal impact of this item is \$118,696.83 as provided for by the utility operations fund.