

# Mayor and Council Communication

DATE: 05/14/24

M&C FILE NUMBER: M&C 24-0420

LOG NAME: 60ESIDE CASTIRONWMREPLACE - LAN

**SUBJECT**

(CD 8 and CD 9) Authorize Execution of an Engineering Agreement with Lockwood Andrews & Newnam, Inc., in the Amount of \$1,448,273.00, for the 16 Inch to 30 Inch Cast Iron Water Main Replacements in Holly - East Side Pump Station Project and Adopt Appropriation Ordinance to Effect a Portion of Water's Contribution to Fiscal Years 2024-2028 Capital Improvement Program

**RECOMMENDATION:**

It is recommended that the City Council:

1. Authorize execution of an engineering agreement with Lockwood Andrews & Newnam, Inc., in the amount of \$1,448,273.00, for the 16 inch to 30 inch Cast Iron Water Main Replacements in Holly – East Side Pump Station project; and
2. Adopt the attached appropriation ordinance increasing estimated receipts and appropriations in the Water and Sewer Capital Projects Fund in the amount of \$1,958,899.00 from available PayGo residuals within the Water and Sewer Capital Projects Fund for the purpose of funding the 16 inch to 30 inch Cast Iron Water Mains Replacements in Holly – East Side Pump Station project (City Project No. 105069) and to effect a portion of Water's contribution to Fiscal Years 2024-2028 Capital Improvement Program.

**DISCUSSION:**

Replacement of existing cast iron water lines, installed before the general use of concrete cylinder pipe and ductile iron pipe, is a major goal of the Fort Worth Water Department (FWWD) due to cast iron pipe's excessive break record. The Water Department has routinely replaced cast iron waterlines as part of water replacement/rehabilitation projects and in support of street bond (street rehabilitation) projects. However, due to the severe street damage and flooding resulting from large cast iron (16-in and larger) water main breaks, the Department is placing a high priority on replacement of large diameter cast iron water transmission mains.

This Mayor and Council Communication (M&C) is to authorize the execution of an engineering agreement with Lockwood Andrews & Newnam, Inc., in the amount of \$1,448,273.00, for the 16 inch to 30 inch Cast Iron Water Main Replacements in Holly – East Side Pump Station project for the preparation of plans and specifications for water and sanitary sewer main replacements as indicated on the following streets in the Eastside area of the City:

Street	From	To	Scope of Work
Lancaster Avenue	95 feet south of Throckmorton Street / Lancaster Avenue Intersection	East 1,025 feet east then 131 feet south	Water
Lancaster Avenue	Kentucky Avenue	Pine Street	Water
Lancaster Avenue	Riverside Drive	East 2, 385 feet	Water / Sewer
Main Street	Lancaster Avenue	131 feet south of Lancaster Avenue / Main Street Intersection	Water
Pine Street	E Lancaster Avenue	El Paso Street	Water / Sewer
El Paso Street	Pine Street	West 459 feet	Water
Easement east of Pine Street	El Paso	E. Vickery Boulevard	Water
Kentucky Avenue	Virginia Avenue	E. Broadway	Water
E. Tucker Street	Kentucky Avenue	S. Virginia Avenue	Water

S. Virginia Avenue	E. Vickery Boulevard	E. Dasset Avenue	Water / Sewer
E. Vickery Boulevard	New York Avenue	Woodrow Avenue	Water / Sewer
Ernest Street	E. Vickery Boulevard	Exeter Street	Water
E. Tucker	E. Vickery Boulevard	Exeter Street	Water
Exeter Street	E. Tucker Street	Union Pacific Railroad	Water
Easement east of Union Pacific Railroad	Riverside Drive	West 711 feet	Water
Riverside Drive	Union Pacific Railroad	Bomar Avenue	Water / Sewer

In addition to the contract amount, \$510,626.00 (Water: \$470,726.00; Sewer: \$39,900.00) is required for project management, real property acquisition, utility coordination, and material testing. This project will have no impact on the Water Department's operating budget when completed. The sewer component of the project is part of the Water Department's Sanitary Sewer Overflow Initiative Program.

It is the practice of the Water Department to appropriate its CIP plan throughout the Fiscal Year (FY), instead of within the annual budget ordinance, as projects commence, additional funding needs are identified, and to comply with bond covenants. The actions in the M&C will appropriate funds in support of the Water's portion of the City of Fort Worth's Fiscal Years 2024-2028 Capital, as follows:

**60ESIDE CASTIRONWMREPLACE -LAN**

Capital Fund Name	Project Name	FY2024 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2024 Budget
W&S Capital Projects - Fund 56002	105069 - 16 to 30in CI WM Repl. Holly-ESPS	\$0.00	This M&C	\$1,958,899.00	\$1,958,899.00

Funding is available in the Unspecified All-Funds project within the Water & Sewer Capital Project Fund for the purpose of funding the 16 inch to 30 inch Cast Iron Water Main Replacements in Holly - East Side Pump Station project.

Appropriations for the 16 inch to 30 inch Cast Iron Water Main Replacements in Holly – East Side Pump Station project are as depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Capital Projects - Fund 56002	\$0.00	\$1,958,899.00	\$1,958,899.00
<b>Project Total</b>	<b>\$0.00</b>	<b>\$1,958,899.00</b>	<b>\$1,958,899.00</b>

**Business Equity:** Lockwood, Andrews & Newnam, Inc., is in compliance with the City's Business Equity Ordinance by committing to 23 percent MWBE participation on this project. The City's MWBE goal on this project is 8 percent.

This project is located in COUNCIL DISTRICTS 8 and 9.

**FISCAL INFORMATION / CERTIFICATION:**

The Director of Finance certifies that funds are currently available in the Unspecified All-Fund project within the W&S Capital Projects Fund, and upon approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the W&S Capital Projects Fund for the 16-30in CI WM Repl Holly-ESPS project to support execution of the engineering agreement. Prior to any expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

**Submitted for City Manager's Office by:** Fernando Costa 6122

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