

Mayor and Council Communication

DATE: 02/27/24

M&C FILE NUMBER: M&C 24-0174

LOG NAME: 60NSIDE CASTIRONWMREPLACE-FNI

SUBJECT

(CD 2) Authorize Execution of an Engineering Agreement with Freese and Nichols, Inc., in the Amount of \$1,434,070.00, for the 16 inch to 30 inch Cast Iron Water Main Replacements in Holly - North 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 Freese and Nichols, Inc., in the amount of \$1,434,070.00, for the 16 inch to 30 inch Cast Iron Water Mains Replacements in Holly - North 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 \$1,818,180.00 from available funds, for the 16 inch to 30 inch Cast Iron Water Mains Replacements in Holly - North Side Pump Station project (City Project No. 105068) 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 historical break record. The Water Department has routinely replaced cast iron water distribution lines as part of water replacement/rehabilitation projects and in support of street bond (street rehabilitation) projects. However, due to the significant impact of a large diameter main break on the water system, along with severe street damage and flooding resulting from large cast iron (16-inch 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 Freese and Nichols, Inc., in the amount of \$1,434,070.00, for the Cast Iron Water Main Replacements in Holly – North 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 Northside area of the City:

Street	From	To	Scope of Work
Cold Springs Road	Warfield Avenue	West Fork Trinity River	Water
Brennan Avenue	Cold Springs Road	Peak Street	Water
Peak Street	Brennan Avenue	Neal Street	Water
Neal Street	Peak Street	Decatur Avenue	Water
Decatur Avenue	Brennan Avenue	Samuels Avenue / NE 23 rd Street Intersection	Water
NE 23 rd Street	Mule Ally Street	Loving Avenue	Water
N Commerce Street	NE 21 st Street	NE 23 rd Street	Water
NE 22 nd Street	N Commerce Street	N Main Street	Water
Pearl Avenue	NW 22 nd Street	NW 28 th Street	Water
NW 27 th Street	Pearl Avenue	Roosevelt Avenue	Water/Sewer
Rosen Avenue	Northside Pump Station	NW 28 th Street	Water

NW 28 th Street	Rosen Avenue	Hanna Avenue	Water
NW 27 th Street	Hanna Avenue	W. Long Avenue	Water
NW 27 th Street	Macie Avenue	Robinson Street	Water
W. Long Avenue	NW 30 th Street	NW 28 th Street	Water
NW 28 th Street	Macie Avenue	Robinson Street	Water
Rock Island Street	NW 28 th Street	NW 27 th Street	Water

In addition to the contract amount, \$384,110.00 (Water: \$375,760.00; Sewer: \$8,350.00) 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, 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:

60NSIDE CASTIRONWMREPLACE -FNI

Capital Fund Name	Project Name	FY2024 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2024 Budget
W&S Capital Projects - Fund 56002	105068 - 16 to 36-in CI WM Repl. Holly-NSPS	\$0.00	This M&C	\$1,818,180.00	\$1,818,180.00

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 - North Side Pump Station project.

Appropriations for the Cast Iron Water Main Replacements in Holly – North Side Pump Station project are as depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Capital Projects - Fund 56002	\$0.00	\$1,818,180.00	\$1,818,180.00
Project Total	\$0.00	\$1,818,180.00	\$1,818,180.00

Business Equity: Freese and Nichols, Inc., is in compliance with the City's Business Equity Ordinance by committing to 20 percent MWBE participation on this project. The City's MWBE goal on this project is 8 percent.

The project is located in COUNCIL DISTRICT 2.

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 16-36in CI WM REPL HOLLY-NSPS project to support the above recommendations and execution of the engineering agreement. Prior to any expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

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