



# City of Kansas City, Missouri

## Docket Memo

Ordinance/Resolution # TMP-2503 221013

Submitted Department/Preparer: Water Services

Docket memos are required on all ordinances initiated by a Department Director. More information can be found in [Administrative Regulation \(AR\) 4-1](#).

### Executive Summary

The Water Services Department is undertaking this construction project to improve distribution system reliability, increase hydraulic conveyance capacity, and support fire protection to replace aging, break-prone cast iron pipe (CIP) and polyvinyl chloride (PVC) water mains with ductile iron pipe (DIP).

### Discussion

This project includes the replacement of approximately 10,066 linear feet (LF) of break prone 6-inch through 24-inch break-prone or obsolete water mains and appurtenances and will provide other distribution system improvements in the area of Southwest Boulevard to Main Street, W. 43rd Street to Pershing Avenue, in Kansas City, Jackson County, Missouri. The project will replace the water mains in the following locations: --

- Line 3: Replace 1,064 LF of 6-inch and 24-inch CIP water main with 8-inch DIP along Pennsylvania Avenue and W. 32nd Street between W. 31st Street and Broadway Boulevard;
- Line 4: Extend 77 LF of 8-inch DIP along Pennsylvania Avenue South of W. 32nd Street;
- Line 5: Extend 694 LF of 24-inch DIP along W. 31st Street between Pennsylvania Avenue and Broadway Boulevard;
- Line 6: Replace 748 LF of 6-inch CIP water main with 8-inch DIP along Broadway Boulevard between W. 31st Street and W. 32nd Street;
- Line 7: Replace 868 LF of 16-inch CIP water main with 24-inch DIP along Broadway Boulevard between W. 31st Street and W. 32nd Street;
- Line 8: Replace 3,526 LF of 6-inch, 8-inch, 12-inch CIP water main with 8-inch and 12-inch DIP along Broadway Boulevard between W. 35th Street and W. 39th Street;
- Line 9: Replace 2,449 LF of 6-inch, 12-inch, and 16-inch CIP water main with 8-inch, 12-inch, and 24-inch DIP along Broadway Boulevard between W. 36th Street and W. 39th Street, and
- Line 10: Replace 640 LF of 16-inch CIP water main with 16-inch DIP along W. 36th Street between Broadway Boulevard and Wyandotte Street.

This work will include the transfer of customers' water service connections from existing mains to new mains, as well as restoration of roads and properties. The amount of this contract is \$9,107,589.00.

### Fiscal Impact

1. Is this legislation included in the adopted budget?  Yes  No



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2. What is the funding source?

AL-8079-807705-B-80002271 = \$10,018,348.00

3. How does the legislation affect the current fiscal year?

Work on this project will be performed during this current fiscal year to improve the reliability of the City's water distribution system.

4. Does the legislation have fiscal impact in future fiscal years? Please notate the difference between one-time and recurring costs.

Work on this project is anticipated to be completed within 300 calendar days. Invoices will be submitted monthly by the construction contractor once work begins.

5. Does the legislation generate revenue, leverage outside funding, or deliver a return on investment?

No.

### **Budget Review**

(Staff will complete this section.)

1. This legislation is supported by the general fund.  Yes  No
2. This fund has a structural imbalance.  Yes  No

### **Additional Discussion (if needed)**

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### **Citywide Business Plan Impact**

The goals and objectives of the Citywide business plan that is impacted by this ordinance is the Infrastructure and Accessibility goal by engaging in efforts to strategically invest in the City's infrastructure and explore emerging technologies.

### **Prior Legislation**

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City Council approved Ordinance No. 210428 on May 27, 2021 for a \$620,000.00 design professional services contract with Crawford, Murphy, & Tilly, Inc. for the Water Main Replacement in the Area of Southwest Boulevard to Main Street, W. 43rd Street to W. Pershing Avenue project.

### Service Level Impacts

This project will contribute to service level impacts by replacing aging, break-prone water mains with new water mains, thereby improving distribution system reliability, increasing hydraulic conveyance capacity, and supporting fire protection.

### Other Impacts

1. What will be the potential health impacts to any affected groups?

Work on this project will contribute to health impacts by supplying healthy and safe drinking water to citizens and supporting fire protection when needed.

2. How have those groups been engaged and involved in the development of this ordinance?

N/A.

3. How does this legislation contribute to a sustainable Kansas City?

This project will contribute to a sustainable Kansas City by replacing aging, break-prone water mains with new water mains, thereby improving distribution system reliability, increasing hydraulic conveyance capacity, and supporting fire protection.

4. Does the ordinance/resolution include Civil Rights antidiscrimination requirements in compliance with the Code of Ordinances (Chapter 38, titled "Civil Rights")?

Yes.

5. Has the ordinance/resolution been submitted for review of economic equity & inclusion requirements in compliance with the Code of Ordinances (Chapter 3, titled "Contracts and Leases")?

CREO KC set subcontracting goals of 12% MBE and 12% WBE for this project. The Contractor Utilization Plan was submitted to CREO KC for review on November 21, 2022 for this construction project.