



# TRANSPORTATION, INFRASTRUCTURE & OPERATIONS COMMITTEE

SEPTEMBER 29, 2021



# ORDINANCE NO. 210870

## *Annual Sewer Rehabilitation: Large Diameter*

Authorizing a \$2,000,000.00 design professional services contract with Black & Veatch Corporation, for the Annual Sewer Rehabilitation: Large Diameter project; and authorizing two successive one-year renewal options for a maximum expenditure of \$4,000,000.00 without further City Council approval.

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- Assess condition and rehabilitate large diameter sewers
- Proactively reduce failures and more importantly, to limit the consequences of those failures.

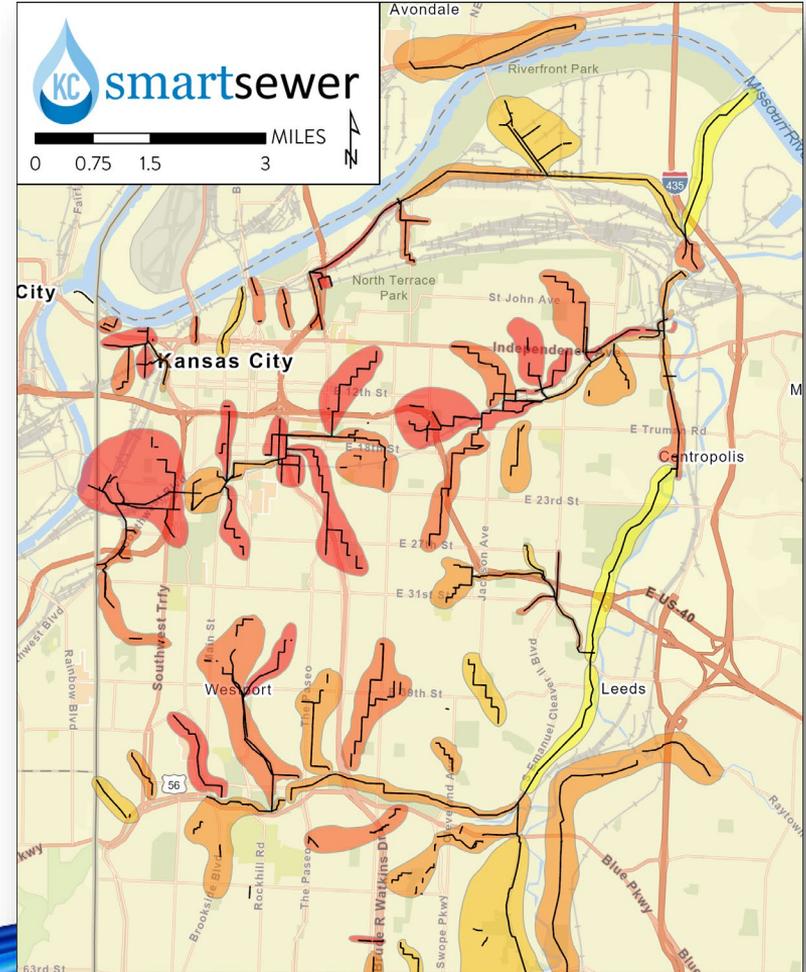


Sinkhole at Santa Fe Street and Woodswether Road



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Fiscal Year	Risk Description	Min BRE ≥	Max BRE <	BRE Criteria	Length (LF)
FY21	Highest Risk	40	100	$40 \leq BRE < 100$	89,558
FY22	High Risk	21	40	$21 \leq BRE < 40$	183,736
FY23	Medium Risk	11	21	$11 \leq BRE < 21$	153,416
FY24	Low Risk	0	11	$0 \leq BRE < 11$	201,007
FY21 - FY24 First Inspections Total					627,718



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**WORK UNDERWAY:**  
**Access Needed for Manhole Inspection**

KC Water is working to improve the sewer system in your neighborhood, which includes conducting manhole inspections. The inspection team was unable to inspect the manhole at this location for the following reason(s):

- Lacked Gate
- Unchained Dog
- Obstruction Over Sewer Manhole
- Other \_\_\_\_\_

Please provide access by:

- Unlocking Gate
- \_\_\_\_\_

\_\_\_\_\_ Cover Manhole

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**INFRASTRUCTURE UPDATE**

**ANNUAL SEWER REHABILITATION: LARGE DIAMETER PROJECT**

DESIGN TIMELINE: MONTH 2021 – MONTH 202X

KC Water is working to design and construct important improvements to the wastewater system in your neighborhood. This project includes the construction of new stormwater pipes to separate the existing combined sewer system. When complete, the project will improve the capacity of the existing wastewater collection system and lessen the frequency of sewer overflows into local waterways and the potential for basement backups.

**PROJECT AREA**

THIS PROJECT IS LOCATED ALONG E 51ST STREET. THE BOUNDARIES ARE:

- NORTH: E 50TH STREET
- SOUTH: E 52ND STREET
- EAST: INDIANA AVENUE
- WEST: AG \_\_\_\_\_



**smartsewer**

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ABOUT APPROACH PROJECTS INITIATIVES RESOURCES CONTACT

**INNOVATION AND INFRASTRUCTURE TO LAST A LIFETIME**

THIRD ANNUAL COMMENT DECADE FIND A PROJECT

**PROGRESS**

- 234+ Miles of Sewer Rehabilitation
- 287 Green Acres
- 51% of Sewer \_\_\_\_\_

Public Outreach

Design Phase Communication Materials

Overall ASR Educational Resources



THANK YOU

