



AGENDA SECTION	CONSENT
MEETING DATE	JANUARY 11, 2021

**CITY OF COLUMBIA HEIGHTS - COUNCIL LETTER**

<b>ITEM:</b>	AUTHORIZATION TO SEEK BIDS FOR 2021 SANITARY SEWER LINING PROJECT		
<b>DEPARTMENT:</b>	Public Works	<b>CITY MANAGER'S APPROVAL:</b>	
<b>BY/DATE:</b>	Kevin Hansen / January 11, 2021	<b>BY/DATE:</b>	<i>Kell Bonjes</i> 1/8/21
<b>CITY STRATEGY:</b>	#7: Strong Infrastructure/Public Services		
<b>Additional Strategy?</b>	N/A		
<b>SHORT TERM GOAL (IF APPLICABLE):</b>	N/A		
<b>Additional Goal?</b>	N/A		

**BACKGROUND:** The City has an ongoing annual program to use Cured in Place Pipe (CIPP) to restore sanitary sewer mains throughout the city-owned system. Annually, staff identify through Closed Circuit Television (CCTV) sanitary sewer lines that are root intruded, allowing Inflow and Infiltration (I/I), or have damage that could lead to a backup or failure. The lines identified as being the most likely to fail, cause issues or add clear water to the sanitary system are prioritized and lined the following years. In 2021, staff has identified 6,322 feet of sanitary sewer to be repaired. The expected cost of repair is \$158,050 (using a cost per foot of \$25). All sanitary sewer mains identified for 2021 are 8" Vitrified Clay Pipe (VCP) or 8" Cast Iron Pipe (CIP).

**STAFF RECOMMENDATION:** Lining **6,322 feet** of sanitary sewer to restore pipe integrity and eliminate infiltration at the following locations.

- |   |                                      |
|---|--------------------------------------|
| POLK PLACE N OF 50TH AVE                  | 50 1/2 AVE E OF MONROE ST            |
| MULCARE DR 5TH SEGMENT S OF POLK PL       | 5TH ST N OF 52ND AVE                 |
| FILMORE ST S OF LINCOLN TERRACE           | 4TH ST S OF 50TH AVE                 |
| FILMORE ST N OF 49TH AVE                  | UNIVERSITY AVE N OF 47TH AVE         |
| 7TH ST S OF 52ND AVE                      | 4TH ST N OF 48TH AVE                 |
| WASHINGTON ST S OF SULLIVAN DR W          | 5TH STREET N OF 47TH AVE             |
| WASHINGTON ST S OF 53RD AVE               | 5TH STREET 2ND SEGMENT N OF 45TH AVE |
| WASHINGTON ST N OF SULLIVAN DR W          | 6TH ST N OF 47TH AVE                 |
| 51ST AVE BETWEEN WASHINGTON AND JEFFERSON | 6TH ST S OF 46TH AVE                 |
| WASHINGTON ST S OF 51ST AVE               | WASHINGTON ST S OF 49TH AVE          |
| 49 1/2 AVE W OF JACKSON ST                | MONROE ST N OF 44TH AVE              |
| 49 1/2 AVE ACROSS QUINCY                  | 44TH AVE W OF JACKSON ST             |

**RECOMMENDED MOTION(S):** Move to authorize staff to seek bids for the 2021 Sanitary Sewer Lining program.