



**REPORT TO: STILLWATER UTILITIES AUTHORITY**

**MEETING DATE: SEPTEMBER 14, 2020**

<p><b>Agenda Item:</b></p>	<p>5b. SUA-20-31</p>
<p><b>Background / Issue:</b></p>	<p>Background information regarding water line and sewer line rehabilitation and replacements in the College Gardens area includes:</p> <ul style="list-style-type: none"> <li>• project area is generally bounded by University Avenue, Admiral Avenue, Western Road and University Circle;</li> <li>• project area is an established neighborhood with many mature trees, buried and overhead utilities, as well as fences, outbuildings and other improvements constructed within the narrow easements and rights-of-way;</li> <li>• project area includes approximately 23,000 feet of sewer lines, primarily of vitrified clay pipe with existing manholes, dating back to 1939;</li> <li>• project area includes approximately 28,000 feet of water lines, of which about half are asbestos cement pipe and the remaining half a combination of cast iron, ductile iron and galvanized steel;</li> <li>• project area has experienced high maintenance needs in recent years for both water and sewer making this a high priority project;</li> <li>• there is additional water and sewer line work in the area nearby College Gardens including Westwood/University and Devon/Wicklow/Western.</li> </ul>
<p><b>Proposal/Solution:</b></p>	<p>A request for proposals was issued in November 2019 to obtain professional services for design of water and sewer line rehabilitation and replacement in the College Gardens area. Kimley-Horn &amp; Associates was selected to provide services including:</p> <ul style="list-style-type: none"> <li>• conduct kickoff, data gathering and stakeholder meetings;</li> <li>• evaluate and assess various construction options and alignments for the water and sewer lines;</li> <li>• perform modeling of the water and sewer lines in the area;</li> </ul>

	<ul style="list-style-type: none"> <li>• design the improvements and size lines to ensure that future capacity needs are met;</li> <li>• produce plans, specifications and contract documents for the project;</li> <li>• identify needs for easements (162 are anticipated) and produce legal documents and exhibits;</li> <li>• support public meetings and present the project plans to residents;</li> <li>• provide survey, utility mapping and franchise utility coordination; and</li> <li>• prepare bid documents and provide support to City staff during bid, contract and construction phases.</li> </ul> <p>Kimley-Horn’s fee for the basic services is \$1,642,400 and for additional services is \$787,800 for a total Professional Services Agreement (PSA) amount of \$2,430,200. Additionally, the estimated expenditures related to payment for easements across 162 parcels is \$300,000.</p> <p>Design, permitting and land acquisition should be completed within approximately 18 months. WUE staff will return to SUA after bidding the project to request authorization for construction, which is expected to be a total of approximately \$12 million.</p>
<b>Financial Impact/Funding Source(s):</b>	The necessary funds, \$1,056,200 for water and \$1,947,100 for sewer, are available in the Water Fund, Water Capital Fund, Wastewater Fund and Wastewater Capital Fund.
<b>Related Strategic Priority:</b>	#4 Place and Mobility: To develop a strong sense of place that recognizes the interconnectedness of people, buildings and public systems (such as transportation, utilities and parks) that best serve the needs of the public.
<b>Recommended Action/Motion:</b>	<p>Motion to:</p> <ul style="list-style-type: none"> <li>• authorize the General Manager to execute the professional services agreement with Kimley-Horn &amp; Associates in the amount of \$2,430,200, which includes all basic and additional services;</li> <li>• authorize easement expenditures of \$300,000, which is a rough estimate of the need;</li> <li>• authorize total project expenditures of \$3,003,300, which includes approximately 10% contingency; and</li> <li>• approve the related budget amendments.</li> </ul>
<b>Prepared By:</b>	Michael Lyons, Senior Project Manager Candy Staring, Capital Program Manager

**Reviewed By:**

Bill Millis, Director Water Utilities Engineering  
Monty Karns, Director City Engineering  
Paula J. Dennison, Assistant City Manager

**Submitted By:**

Norman McNickle, City Manager

**Attachment(s):**

Water Capital Fund Budget Amendment  
Water Fund Budget Amendment  
Wastewater Capital Fund Budget Amendment  
Wastewater Fund Budget Amendment