



City of Olathe

COUNCIL AGENDA ITEM

MEETING DATE: 2/20/2024

FOCUS AREA: Infrastructure (Engineering)

STAFF CONTACT: Mary Jaeger / Nate Baldwin

SUBJECT: Professional Services Agreement with Affinis Corp. for design of the Briarwood Stormwater Improvements Project, PN 2-C-009-24.

TITLE:

Consideration of a Professional Services Agreement with Affinis Corp. for design of the Briarwood Stormwater Improvements Project, PN 2-C-009-24.

SUMMARY:

This project is in place to address street and structure flooding in the vicinity of Briarwood subdivision and Tomahawk Elementary School, northwest of 139th Street and Brougham Drive.

A Preliminary Engineering Study (PES) was conducted in 2018 and identified six (6) homes that flood during the 100-year (1% chance) flood event, along with street flooding at locations on Brougham Drive, Sycamore Street, and Edinburgh Street. To address the flooding, this project will include replacing corrugated metal pipe (CMP) along the main trunkline with larger concrete or plastic pipe, adding additional stormwater inlets, and upsizing existing inlets in the project area.

A Request for Qualifications for this project was issued on November 9, 2023. Four (4) firms responded to this request with Affinis Corp. (Affinis) selected based on submitted qualifications. The proposed agreement with Affinis includes survey of existing conditions, utility coordination, public meetings, cost estimates, hydraulic modeling, permitting, development of construction plans in accordance with Olathe specifications, assistance with bidding of project for construction, and assistance as needed throughout construction. The total cost of this agreement is \$471,800.

This is the fourth of six identified neighborhood flood control projects located outside the FEMA regulated floodplain.

The project is scheduled to begin design in Spring 2024, with construction tentatively scheduled to begin in late Fall 2025.

FINANCIAL IMPACT:

Funding for the Briarwood Stormwater Improvements Project, as approved in the 2024-2028 Capital Improvement Plan, includes:

Revenue Bonds	\$ 1,500,000
JoCo SMAC Funding	\$ 1,310,000
<u>Olathe Stormwater Fund</u>	<u>\$ 640,000</u>
Total	\$ 3,450,000

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ACTION NEEDED:

Approval of a Professional Services Agreement with Affinis Corp. for design of the Briarwood Stormwater Improvements Project, PN 2-C-009-24.

ATTACHMENT(S):

- A. Project Location Map
- B. Project Fact Sheet
- C. Professional Services Agreement