



City of Olathe

COUNCIL AGENDA ITEM

MEETING DATE: 3/19/2024

FOCUS AREA: Infrastructure (Engineering)

STAFF CONTACT: Mary Jaeger / Nate Baldwin

SUBJECT: Agreement with Johnson County for funding the design of the Briarwood Stormwater Improvements Project, PN 2-C-009-24.

TITLE:

Consideration of an Agreement with Johnson County for funding the 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.

This project was chosen to be funded by Johnson County's Stormwater Management Advisory Council (SMAC) program in the amount of \$235,900 (50% of \$471,800) for design of the project. On February 20, 2024, City Council approved a Professional Services Agreement with Affinis Corp for design services. In order to accept this funding, the City must approve an Agreement with Johnson County. The SMAC program will also participate in funding 50% of eligible construction costs, which will be brought before City Council as a future Agreement.

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 an Agreement with Johnson County for funding the design of the Briarwood Stormwater Improvements Project, PN 2-C-009-24.

ATTACHMENT(S):

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