



# City of Olathe

## COUNCIL AGENDA ITEM

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**MEETING DATE:** 7/16/2019

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**DEPARTMENT:** Public Works

**STAFF CONTACT:** Mary Jaeger/Beth Wright

**SUBJECT:** Contract with HNTB for design of the Mill Creek, Prairie to Cedar, Phase 1, Stormwater Improvements Project, PN 2-C-030-18.

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**ITEM DESCRIPTION:**

Consideration of a Professional Services Agreement with HNTB Corporation for design of the Mill Creek, Prairie to Cedar, Phase 1, Stormwater Improvements Project, PN 2-C-030-18.

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**SUMMARY:**

This project will be the first phase of a project that through a combination of capital improvements and voluntary home buyouts will remove thirty-three (33) buildings from the FEMA regulated floodplain and minimize overtopping of Cherry, Prairie, Spruce, Poplar, Water, Woodland, Santa Fe, Park, and Loula Streets. Phase 1 of this project will address street and structure flooding that occurs along Mill Creek north of Santa Fe and south of Mulberry Street. The project location is shown on the attached Project Location Map (Exhibit C).

This phase is the fourteenth (14<sup>th</sup>) of twenty (20) identified watershed flood control projects located in the FEMA regulated floodplain.

This phase of the project includes replacement of existing culverts with bridges at Chestnut, Spruce, and Poplar Streets, reconstruction of street pavement, channel deepening and widening, retaining walls, storm sewer improvements, and voluntary home buyouts. It is anticipated that the maximum number of home buyouts will be four (4) out of the 33 buildings currently in the FEMA regulated floodplain.

A Request for Qualifications for this project was issued on April 19, 2019. Five (5) firms responded to this request, and HNTB Corporation (HNTB) was selected based on the submitted qualifications. The proposed agreement with HNTB includes survey of existing conditions, utility coordination, 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 \$875,340.

The project is scheduled to begin design in Summer 2019, with construction tentatively scheduled to begin in Spring 2021.

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**FINANCIAL IMPACT:**

Funding for the Mill Creek, Prairie to Cedar, Phase 1, Stormwater Improvements Project includes:

Olathe Stormwater Fund

\$ 390,000

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|------------------------------------|--------------------|
| Revenue Bonds (Stormwater)         | \$1,695,000        |
| <u>Johnson County SMAC Program</u> | <u>\$4,200,000</u> |
| <b>Total</b>                       | <b>\$6,285,000</b> |

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**ACTION NEEDED:**

Approval of a Professional Services Agreement with HNTB Corporation for design of the Mill Creek, Prairie to Cedar, Phase 1, Stormwater Improvements Project, PN 2-C-030-18.

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**ATTACHMENT(S):**

A: Professional Services Agreement  
B: Project Fact Sheet  
C: Project Location Map