



# City of Olathe

## COUNCIL AGENDA ITEM

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**MEETING DATE:** 1/7/2020

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**DEPARTMENT:** Public Works

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

**SUBJECT:** Authorization of the 2020 Bridge Repair Project, PN 3-G-000-20.

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**ITEM DESCRIPTION:**

Consideration of Resolution No. 20-1006 authorizing the 2020 Bridge Repair Project, PN 3-G-000-20.

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**SUMMARY:**

The City performs an inspection, condition rating and scour screening of 113 City-maintained bridges with spans of 20 feet and greater every other year as required by the Kansas Department of Transportation (KDOT). In 2019, this inspection was performed, and 25 bridges were identified for maintenance. The bridges were prioritized based on condition and cost estimates were prepared. This project is in place to fund maintenance of these bridges on an annual basis.

Funds for this project will be used to maintain miscellaneous bridges, such as:

- 119<sup>th</sup> Street over Little Cedar Creek;
- 123<sup>rd</sup> Street over Indian Creek Tributary;
- Arapaho Drive over Indian Creek Tributary;
- BNSF Railroad over Old 56 Highway;
- College Boulevard over Mill Creek and the BNSF Railroad;
- Dennis Avenue over Cedar Creek;
- Dennis Avenue over Mill Creek Tributary;
- Lone Elm Road over the BNSF Railroad;
- Lone Elm Road over Cedar Creek Tributary;
- Mur-Len Road over Coffee Creek;
- Nelson Road over Mill Creek Tributary;
- Northgate over Mill Creek;
- Old 56 Highway over Cedar Creek;
- Pflumm Road over Tomahawk Creek;
- Santa Fe over Indian Creek; and
- Santa Fe over Interstate 35.

The estimated cost for this project is \$250,000 and the list of bridges to be maintained is subject to change depending upon the actual cost of maintenance. Costs may include design, surveys, staff time, inspection services, and construction. Maintenance may include filling voids, repairing approach slabs and sidewalks, patching spalled areas, painting steel girders, repairing reinforced concrete boxes, replacing relief joints, replacing expansion devices, repairing and/or replacing guardrails and fencing, adding polymer overlays to the bridge decks, and placing riprap.

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**FINANCIAL IMPACT:**

Funding for the 2020 Bridge Repair Project, as approved in the 2019 Capital Improvement Plan, includes:

<u>GO Bonds</u>	<u>\$250,000</u>
<b>Total</b>	<b>\$250,000</b>

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**ACTION NEEDED:**

Approval of Resolution No. 20-1006 authorizing the 2020 Bridge Repair Project, PN 3-G-000-20.

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**ATTACHMENT(S):**

A: Resolution

B: Project Fact Sheet