

## FINAL FINANCING ANALYSIS

## Raymond James Public Finance

Discussion Materials
June 9, 2020

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RAYMOND JAMES

Bond Rating

## RAYMOND JAMES

## Moody's

## INVESTORS SERVICE

Rating Action: Moody's affirms City of Leavenworth's, KS GO at Aa2
28 May 2020

## Assigns MIG 1 to GO Temp. Notes

New York, May 28, 2020 -- Moody's Investors Service has affirmed the Aa2 rating on the City of Leavenworth's, KS general obligation unlimited tax (GOULT) debt and MIG 1 rating on the city's outstanding temporary notes. Additionally, we have assigned a Aa2 rating to the city's $\$ 8.1$ million General Obligation Refunding and Improvement Bonds, Series 2020-A and a MIG 1 rating to the city's $\$ 1.4$ million Temporary Notes, Series A2020.

## RATINGS RATIONALE

The Aa2 rating reflects the city's stable tax base with substantial institutional presence, stable reserves and a manageable debt burden with above average amortization. The rating also considers the city's reliance on economically sensitive sales tax revenues and growing fixed cost burden largely related to debt service.

The MIG 1 rating on the notes reflects the city's underlying credit characteristics inherent in the long-term Aa2 general obligation rating, as well as continued favorable market access for the takeout bonds and strong takeout management including a history of issuing takeout bonds in advance of maturity.

We regard the coronavirus outbreak as a social risk under our ESG framework, given the substantial implications for public health and safety. The coronavirus crisis is not a key driver for this rating action as the city's institutional presence provides economic stability. We do not see any material immediate credit risks for the City of Leavenworth. However, the situation surrounding coronavirus is rapidly evolving and the longer term impact will depend on both the severity and duration of the crisis. If our view of the credit quality of City of Leavenworth changes, we will update the rating and/or outlook at that time.

## RATING OUTLOOK

Moody's does not usually assign outlooks to local government credits with this amount of debt outstanding.

## FACTORS THAT COULD LEAD TO AN UPGRADE OF THE RATINGS

-Expansion and diversification of the tax base
-Material increase in reserves
-Moderation of the debt burden

## FACTORS THAT COULD LEAD TO A DOWNGRADE OF THE RATINGS

-Continued decline in financial reserves
-Contraction in the tax base
-Notable increase in the debt burden

## LEGAL SECURITY

The bonds will be general obligations of the city payable as to both principal and interest from ad valorem taxes which may be levied without limitation upon all the taxable tangible property, real and personal, within the territorial limits of the city.

The notes shall be general obligations of the issuer payable as to both principal and interest from ad valorem taxes which may be levied without limitation as to rate or amount upon all the taxable tangible property, real and personal, within the territorial limits of the Issuer.

The full faith, credit and resources of the city of Leavenworth are hereby irrevocably pledged for the prompt
payment of the principal of and interest on the bonds and the notes as the same become due.

## USE OF PROCEEDS

Proceeds from the temporary notes will be used to for general improvements in the city including asphalt overlay of streets. Proceeds from the sale of the bonds will be used for storm water improvement projects, refunding certain outstanding bonds to achieve net present value savings, and to provide permanent financing for outstanding temporary notes.

## PROFILE

The city is located approximately 28 miles northwest of Kansas City, MO (Aa2 stable) and 62 miles east of Topeka, KS (Aa3). The city is the county seat of Leavenworth County. The county encompasses approximately 465 square miles and has a current estimated population of 79,000 . The city has a current estimated population of approximately 36,000 .

## METHODOLOGY

The principal methodology used in the long-term ratings was US Local Government General Obligation Debt published in September 2019 and available at https://www.moodys.com/researchdocumentcontentpage.aspx? docid=PBM_1191097. The principal methodology used in the short-term ratings was US Bond Anticipation Notes and Related Instruments Methodology published in October 2019 and available at https://www.moodys.com/researchdocumentcontentpage.aspx?docid=PBM_1146782. Alternatively, please see the Rating Methodologies page on www.moodys.com for a copy of these methodologies.

## REGULATORY DISCLOSURES

For further specification of Moody's key rating assumptions and sensitivity analysis, see the sections Methodology Assumptions and Sensitivity to Assumptions in the disclosure form. Moody's Rating Symbols and Definitions can be found at: https://www.moodys.com/researchdocumentcontentpage.aspx? docid=PBC_79004.

For ratings issued on a program, series, category/class of debt or security this announcement provides certain regulatory disclosures in relation to each rating of a subsequently issued bond or note of the same series, category/class of debt, security or pursuant to a program for which the ratings are derived exclusively from existing ratings in accordance with Moody's rating practices. For ratings issued on a support provider, this announcement provides certain regulatory disclosures in relation to the credit rating action on the support provider and in relation to each particular credit rating action for securities that derive their credit ratings from the support provider's credit rating. For provisional ratings, this announcement provides certain regulatory disclosures in relation to the provisional rating assigned, and in relation to a definitive rating that may be assigned subsequent to the final issuance of the debt, in each case where the transaction structure and terms have not changed prior to the assignment of the definitive rating in a manner that would have affected the rating. For further information please see the ratings tab on the issuer/entity page for the respective issuer on www.moodys.com.

Regulatory disclosures contained in this press release apply to the credit rating and, if applicable, the related rating outlook or rating review.

Moody's general principles for assessing environmental, social and governance (ESG) risks in our credit analysis can be found at https://www.moodys.com/researchdocumentcontentpage.aspx?docid=PBC_1133569.

Please see www.moodys.com for any updates on changes to the lead rating analyst and to the Moody's legal entity that has issued the rating.

Please see the ratings tab on the issuer/entity page on www.moodys.com for additional regulatory disclosures for each credit rating.

Ryan Mills
Lead Analyst
Regional PFG Dallas
Moody's Investors Service, Inc.
Plaza Of The Americas
600 North Pearl St. Suite 2165

Bid Tabulation

Raymond James \& Associates, Inc.
1201 Walnut, 21st Floor
Kansas City, Missouri 64106
816-509-5451

| \$1,400,000 | Sale Date: | June 9, 2020 |
| :---: | :--- | :--- |
| City of Leavenworth, Kansas | Sale Time: | 10 A.M. |
| Temporary Notes | Maturity Dates: | December 1, 2021 |
| Series A2020 | Dated Date: | June 25, 2020 |


| Bidder: | Central States Capital Markets, LLC | Commerce Bank | UMB Bank N.A. | Piper Sandler \& Co | Huntington Securities, Inc. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Contact: | Jim Brownfield | Matthew Koch | Kristin Koziol | Joanna Brody | Jim Van Metre |
| Contact Phone: | 816-714-3115 | 816-234-2450 | 816-860-7223 | 212-284-9421 | 312-443-1555 |
| Total Interest Expense: | \$20,066.67 | \$20,066.67 | \$20,066.67 | \$20,066.67 | \$21,070.00 |
| Less Premium: | \$5,740.00 | \$4,662.00 | \$4,508.00 | \$1,834.00 | \$854.00 |
| Plus Discount: | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Net Interest Expense: | \$14,326.67 | \$15,404.67 | \$15,558.67 | \$18,232.67 | \$20,216.00 |
| True Interest Cost (TIC) | 0.713954\% | 0.767675\% | 0.775349\% | 0.908605\% | 1.007442\% |

RAYMOND JAMES

| Municipal Advisor |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Raymond James \& Associates, Inc. | \$7,900,000 |  |  |  | Sale Date: | June 9, 2020 |  |
| 1201 Walnut, 21st Floor | City of Leavenworth, Kansas |  |  |  | Sale Time: | 10 A.M. |  |
| Kansas City, Missouri 64106 | General Obligation Refunding and Improvement Bonds Series 2020-A |  |  |  | Maturity Dates: | September 1, 2021 through 2032 June 25, 2020 |  |
| 816-509-5451 |  |  |  |  | Dated Date: |  |  |
|  |  |  |  |  |  |  |  |
| Bidder: | Country Club Bank | UMB Bank N.A. | Commerce Bank | Piper Sandler \& Co | Robert W. Baird \& Co., Inc. | D.A. Davidson \& Co. | KeyBanc Capital Markets |
| Contact: | Lisa Roberts | Kristin Koziol | Matthew Koch | Kristian Gottman | Geoff Kuczmarski | Justin Sheldon | Robert Bond |
| Contact Phone: | 816-751-1420 | 816-860-7223 | 816-234-2450 | 612-303-5325 | 414-765-7331 | 303-764-6050 | 720-904-4571 |
| Total Interest Expense: | \$733,187.71 | \$968,610.00 | \$1,210,490.83 | \$854,844.33 | \$968,610.00 | \$1,210,490.83 | \$1,210,490.83 |
| Less Premium: | \$243,920.10 | \$472,690.60 | \$698,827.10 | \$316,161.75 | \$420,686.05 | \$640,669.35 | \$583,506.75 |
| Plus Discount: | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Net Interest Expense: | \$489,267.61 | \$495,919.40 | \$511,663.73 | \$538,682.58 | \$547,923.95 | \$569,821.48 | \$626,984.08 |
| True Interest Cost (TIC) | 1.010247\% | 1.023982\% | 1.056491\% | 1.112280\% | 1.131361\% | 1.176576\% | 1.294606\% |
|  |  |  |  |  |  |  |  |

RAYMOND JAMES

Final Financing Analysis ~ Temporary Notes, Series A2020

## SOURCES AND USES OF FUNDS

City of Leavenworth, Kansas
Temporary Notes, Series A2020 FINAL NUMBERS

| Dated Date | $06 / 25 / 2020$ |
| :--- | :--- |
| Delivery Date | $06 / 25 / 2020$ |

Sources:

| Bond Proceeds: |  |
| :---: | ---: |
| Par Amount | $1,400,000.00$ |
| Premium | $8,470.00$ |
|  | $1,408,470.00$ |

Uses:

| Project Fund Deposits: |  |
| :--- | ---: |
| Paving Projects | $1,380,094.00$ |
|  |  |
| Cost of Issuance: | $12,000.00$ |
| Bond Counsel | 500.00 |
| Bond Counsel Expenses | $6,500.00$ |
| Municipal Advisor | 250.00 |
| KS State Treasurer Paying Agent | 300.00 |
| KS State Treasurer Set Up Fee | 30.00 |
| KS State Treasurer Registration Fee | 250.00 |
| Attorney General Transcript Review | $5,000.00$ |
| Rating Agency | 191.00 |
| CUSIP | 625.00 |
| POS/OS Imagemaster Fee | $25,646.00$ |

Delivery Date Expenses:
Underwriter's Discount

BOND PRICING
City of Leavenworth, Kansas
Temporary Notes, Series A2020 FINAL NUMBERS

|  | Maturity |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bond Component | Date | Amount | Rate | Yield | Price | Yield to <br> Maturity | Call <br> Date | Call <br> Price |
| Term Bond: | $12 / 01 / 2021$ | $1,400,000$ | $1.000 \%$ | $0.350 \%$ | 100.605 | C | $0.575 \%$ | $06 / 01 / 2021$ |


| Dated Date | $06 / 25 / 2020$ |  |
| :--- | ---: | ---: |
| Delivery Date | $06 / 25 / 2020$ |  |
| First Coupon | $12 / 01 / 2021$ |  |
| Par Amount | $1,400,000.00$ |  |
| Premium | $8,470.00$ |  |
|  | $1,408,470.00$ | $100.605000 \%$ |
| Production | $-2,730.00$ | $-0.195000 \%$ |
| Underwriter's Discount | $1,405,740.00$ | $100.410000 \%$ |
| Purchase Price |  |  |
| Accrued Interest | $1,405,740.00$ |  |
| Net Proceeds |  |  |

Final Financing Analysis ~ General Obligation Refunding and Improvement Bonds, Series 2020-A

## SOURCES AND USES OF FUNDS

City of Leavenworth, Kansas
General Obligation Refunding and Improvement Bonds, Series 2020-A
FINAL NUMBERS

| Sources: | Dated Date <br> Delivery Date |  | $\begin{aligned} & \text { 06/25/2020 } \\ & 06 / 25 / 2020 \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Second \& Chestnut Storm Water Project | Independence Court Storm Water Project | Paving / A2019 Notes | Refund Series 2012A and 2012B Bonds | $\begin{array}{r} \text { Refund Series } \\ \text { 2014-A and } \\ 2015-\mathrm{A} \end{array}$ | Total |
| Bond Proceeds: |  |  |  |  |  |  |
| Par Amount | 1,975,000.00 | 455,000.00 | 1,375,000.00 | 2,750,000.00 | 1,345,000.00 | 7,900,000.00 |
| Premium | 72,542.60 | 16,666.55 | 50,308.90 | 109,782.35 | 30,485.10 | 279,785.50 |
|  | 2,047,542.60 | 471,666.55 | 1,425,308.90 | 2,859,782.35 | 1,375,485.10 | 8,179,785.50 |
| Other Sources of Funds: |  |  |  |  |  |  |
| Prior Bonds Debt Service Fund |  |  |  | 32,825.00 | 17,313.75 | 50,138.75 |
|  | 2,047,542.60 | 471,666.55 | 1,425,308.90 | 2,892,607.35 | 1,392,798.85 | 8,229,924.25 |
|  | Second \& Chestnut Storm Water Project | Independence Court Storm Water Project | Paving / A2019 Notes | Refund Series 2012A and 2012B Bonds | $\begin{array}{r} \text { Refund Series } \\ 2014-\mathrm{A} \text { and } \\ 2015-\mathrm{A} \end{array}$ | Total |
| Project Fund Deposits: |  |  |  |  |  |  |
| Project Fund | 2,000,000.00 | 462,000.00 |  |  |  | 2,462,000.00 |
| Pay off A2019 Paving Notes |  |  | 1,393,301.25 |  |  | 1,393,301.25 |
|  | 2,000,000.00 | 462,000.00 | 1,393,301.25 |  |  | 3,855,301.25 |
| Refunding Escrow Deposits: |  |  |  |  |  |  |
| Cash Deposit |  |  |  | 2,861,260.00 | 1,372,313.75 | 4,233,573.75 |
| Cost of Issuance: |  |  |  |  |  |  |
| Bond Counsel | 19,750.00 | 4,550.00 | 13,750.00 | 13,750.00 | 6,725.00 | 58,525.00 |
| Rating Agency | 8,825.00 | 2,020.00 | 6,155.00 |  |  | 17,000.00 |
| Miscellaneous | 3,621.10 | -438.98 | 1,418.38 | -3,801.19 | 3,278.94 | 4,078.25 |
| Bond Counsel Expenses | 125.00 | 28.80 | 87.03 | 174.05 | 85.12 | 500.00 |
| Municipal Advisor | 3,875.00 | 892.72 | 2,697.78 | 5,395.57 | 2,638.93 | 15,500.00 |
| KS State Treasurer Paying Agent | 750.00 | 172.78 | 522.15 | 1,044.30 | 510.77 | 3,000.00 |
| KS State Treasurer Set Up Fee | 75.00 | 17.28 | 52.22 | 104.43 | 51.07 | 300.00 |
| KS State Treasurer Registration Fee | 7.50 | 1.73 | 5.22 | 10.44 | 5.11 | 30.00 |
| Attorney General Transcript Review | 62.50 | 14.40 | 43.51 | 87.03 | 42.56 | 250.00 |
| CUSIP | 124.00 | 28.57 | 86.33 | 172.66 | 84.44 | 496.00 |
| POS/OS Imagemaster Fee | 156.25 | 36.00 | 108.78 | 217.56 | 106.41 | 625.00 |
| State Treasurer Redemption Fee |  |  |  | 30.00 | 30.00 | 60.00 |
|  | 37,371.35 | 7,323.30 | 24,926.40 | 17,184.85 | 13,558.35 | 100,364.25 |
| Delivery Date Expenses: |  |  |  |  |  |  |
| Underwriter's Discount | 10,171.25 | 2,343.25 | 7,081.25 | 14,162.50 | 6,926.75 | 40,685.00 |
|  | 2,047,542.60 | 471,666.55 | 1,425,308.90 | 2,892,607.35 | 1,392,798.85 | 8,229,924.25 |

BOND PRICING
City of Leavenworth, Kansas
General Obligation Refunding and Improvement Bonds, Series 2020-A FINAL NUMBERS

| Bond Component | Maturity Date | Amount | Rate | Yield | Price | Yield to Maturity | Call <br> Date | Call Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Serial Bond: |  |  |  |  |  |  |  |  |
|  | 09/01/2021 | 350,000 | 1.000\% | 0.300\% | 100.826 |  |  |  |
|  | 09/01/2022 | 510,000 | 1.000\% | 0.350\% | 101.412 |  |  |  |
|  | 09/01/2023 | 1,260,000 | 1.000\% | 0.400\% | 101.895 |  |  |  |
|  | 09/01/2024 | 1,110,000 | 1.000\% | 0.500\% | 102.067 |  |  |  |
|  | 09/01/2025 | 965,000 | 1.500\% | 0.600\% | 104.586 |  |  |  |
|  | 09/01/2026 | 620,000 | 1.500\% | 0.700\% | 104.832 |  |  |  |
|  | 09/01/2027 | 625,000 | 1.500\% | 0.800\% | 104.876 |  |  |  |
|  | 09/01/2028 | 630,000 | 1.750\% | 0.900\% | 105.899 C | 0.997\% | 09/01/2027 | 100.000 |
|  | 09/01/2029 | 650,000 | 1.750\% | 1.000\% | 105.185 C | 1.153\% | 09/01/2027 | 100.000 |
|  | 09/01/2030 | 660,000 | 1.750\% | 1.100\% | 104.477 C | 1.280\% | 09/01/2027 | 100.000 |
|  | 09/01/2031 | 255,000 | 1.750\% | 1.200\% | 103.773 C | 1.385\% | 09/01/2027 | 100.000 |
|  | 09/01/2032 | 265,000 | 1.750\% | 1.300\% | 103.075 C | 1.473\% | 09/01/2027 | 100.000 |

7,900,000

| Dated Date | $06 / 25 / 2020$ |  |
| :--- | ---: | ---: |
| Delivery Date | $06 / 25 / 2020$ |  |
| First Coupon | $03 / 01 / 2021$ |  |
|  |  |  |
| Par Amount | $7,900,000.00$ |  |
| Premium | $279,785.50$ |  |
|  | $8,179,785.50$ | $103.541589 \%$ |
| Production | $-40,685.00$ | $-0.515000 \%$ |
| Underwriter's Discount | $8,139,100.50$ | $103.026589 \%$ |
| Purchase Price |  |  |
| Accrued Interest | $8,139,100.50$ |  |
| Net Proceeds |  |  |

## SAVINGS

City of Leavenworth, Kansas
General Obligation Refunding and Improvement Bonds, Series 2020-A FINAL NUMBERS

| Date | Prior <br> Debt Service | Prior <br> Receipts | Prior <br> Net Cash Flow | Refunding <br> Debt Service | Savings | Present Value <br> to $06 / 25 / 2020$ |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $0.7851101 \%$ |  |  |  |  |  |  |

## Savings Summary

| PV of savings from cash flow | $307,667.29$ |
| :--- | :--- |
| Net PV Savings | $307,667.29$ |

## Debt Profile

## RAYMOND JAMES

| City of Leavenworth, Kansas Summary of Outstanding Debt As of June 25, 2020 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| General Obligation Bonds |  |  |  |  |  |  |
| 2010-A | Bank Qualified | 2,485 | 280 | 9/1/2020 | 280 | 9/1/2015 |
| 2011-B | Bank Qualified | 6,250 | 890 | 9/1/2022 | 890 | 9/1/2016 |
| 2012-A | Bank Qualified | 4,165 | 600 | 9/1/2032 | 600 | 9/1/2018 |
| 2012-B | Bank Qualified | 5,300 | 1,020 | 9/1/2025 | 1,020 | 9/1/2017 |
| 2013-A | Bank Qualified | 3,860 | 2,075 | 9/1/2025 | 1,300 | 9/1/2021 |
| 2014-A | Bank Qualified | 5,040 | 1,360 | 9/1/2024 | 920 | 9/1/2020 |
| 2014-B | Taxable | 490 | 260 | 9/1/2024 | 210 | 9/1/2020 |
| 2015-A | Bank Qualified | 1,700 | 335 | 9/1/2025 | 170 | 9/1/2020 |
| 2015-B | Taxable | 600 | 380 | 9/1/2025 | 200 | 9/1/2022 |
| 2016-A | Bank Qualified | 5,700 | 3,995 | 9/1/2031 | 2,780 | 9/1/2021 |
| 2017-A | Taxable | 4,910 | 4,695 | 9/1/2036 | 3,665 | 9/1/2024 |
| 2017-B | Bank Qualified | 1,640 | 1,350 | 9/1/2027 | 875 | 9/1/2022 |
| 2018-A | Bank Qualified | 1,410 | 1,295 | 9/1/2028 | 760 | 9/1/2023 |
| 2019-A | Bank Qualified | 1,340 | 1,340 | 9/1/2029 | 590 | 9/1/2025 |
| 2020-A | Bank Qualified | 7,900 | 7,900 | 9/1/2032 | 2,460 | 9/1/2027 |
| Sub-Total |  | 52,790 | 27,775 |  | 16,720 |  |


| City of Leavenworth, Kansas Summary of Outstanding Debt As of June 25, 2020 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| General Obligation Temporary Notes |  |  |  |  |  |  |
| B2017 | Bank Qualified | 700 | 240 | 9/1/2020 | 240 | 9/1/2018 |
| A2018 | Bank Qualified | 3,460 | 390 | 6/1/2022 | 390 | 3/1/2019 |
| A2019 | Bank Qualified | 7,430 | 6,040 | 12/1/2022 | 6,040 | 6/1/2020 |
| A2020 | Bank Qualified | 1,400 | 1,400 | 12/1/2021 | 1,400 | 6/1/2021 |
| Sub-Total |  | 12,990 | 8,070 |  | 8,070 |  |
| Full Faith and Credit Tax Increment Bonds |  |  |  |  |  |  |
| 2016-A | Bank Qualified | 875 | 640 | 9/1/2026 | 465 | 9/1/2021 |
| Sub-Total |  | 875 | 640 |  | 465 |  |
| Total |  | 66,655 | 36,485 |  | 25,255 |  |


| Summary of Outstanding General Obligation Debt As of June 25, 2020 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { FYE } \\ \text { 31-Dec } \end{gathered}$ | Principal Outstanding | Projected Interest | Projected Debt Service | Principal Balance |
| 2020 | \$3,630,000 | \$312,105 | \$3,942,105 | \$32,215,000 |
| 2021 | 4,935,000 | 699,271 | 5,634,271 | 27,280,000 |
| 2022 | 9,820,000 | 580,073 | 10,400,073 | 17,460,000 |
| 2023 | 2,875,000 | 396,510 | 3,271,510 | 14,585,000 |
| 2024 | 2,605,000 | 342,140 | 2,947,140 | 11,980,000 |
| 2025 | 2,445,000 | 293,825 | 2,738,825 | 9,535,000 |
| 2026 | 1,820,000 | 240,885 | 2,060,885 | 7,715,000 |
| 2027 | 1,460,000 | 199,520 | 1,659,520 | 6,255,000 |
| 2028 | 1,300,000 | 166,253 | 1,466,253 | 4,955,000 |
| 2029 | 1,185,000 | 135,348 | 1,320,348 | 3,770,000 |
| 2030 | 1,050,000 | 108,263 | 1,158,263 | 2,720,000 |
| 2031 | 665,000 | 84,798 | 749,798 | 2,055,000 |
| 2032 | 585,000 | 67,703 | 652,703 | 1,470,000 |
| 2033 | 340,000 | 52,185 | 392,185 | 1,130,000 |
| 2034 | 355,000 | 40,115 | 395,115 | 775,000 |
| 2035 | 375,000 | 27,513 | 402,513 | 400,000 |
| 2036 | 400,000 | 14,200 | 414,200 | 0 |
| Total | \$35,845,000 | \$3,760,703 | \$39,605,703 |  |

Inclusive of outstanding Temporary Notes

Total General Obligation Debt Service



| Summary of Outstanding Full Faith and Credit Tax Increment Debt As of June 25, 2020 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { FYE } \\ \text { 31-Dec } \end{gathered}$ | Principal Outstanding | Projected Interest | Projected Debt Service | Principal <br> Balance |
| 2020 | \$85,000 | \$5,339 | \$90,339 | \$555,000 |
| 2021 | 90,000 | 8,978 | 98,978 | 465,000 |
| 2022 | 90,000 | 7,178 | 97,178 | 375,000 |
| 2023 | 90,000 | 6,008 | 96,008 | 285,000 |
| 2024 | 95,000 | 4,703 | 99,703 | 190,000 |
| 2025 | 95,000 | 3,230 | 98,230 | 95,000 |
| 2026 | 95,000 | 1,663 | 96,663 | 0 |
| Total | \$640,000 | \$37,096 | \$677,096 |  |

Total Full Faith and Credit Tax Increment Bonds


Total Debt Service Breakdown


## City of Leavenworth, Kansas

Summary of Outstanding General Obligation Bonds

| Original Par <br> Issue Name <br> Series <br> Dated <br> Callable <br> Prinicpal | $\$ 2,485,000$ General Obligation Bonds Series 2010-A 6/15/2010 $9 / 1 / 2015$ 1-Sep | $\$ 6,250,000$ General Obligation Bonds Series 2011-B $9 / 1 / 2011$ $9 / 1 / 2016$ 1-Sep | $\$ 4,165,000$ General Obligation Bonds Series 2012-A (Sewer Project) 3/1/2012 9/1/2018 1-Sep | $\$ 5,300,000$ <br> General Obligation Improvement and <br> Refunding Bonds <br> Series 2012-B <br> $6 / 28 / 2012$ <br> $9 / 1 / 2017$ <br> $1-$ Sep | $\$ 3,860,000$ General Obligation Bonds Series 2013-A 6/27/2013 9/1/2021 1-Sep |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Principal Coupon | Principal Coupon | Principal Coupon | Principal Coupon | Principal Coupon |
| $\begin{aligned} & 2020 \\ & 2021 \end{aligned}$ | 280,000 1.000\% | 300,000 $2.200 \%$ <br> 295,000 $2.400 \%$ <br> 295000 2.600 | 195,000 $2.000 \%$ <br> 200,000 $2.000 \%$ <br> 20,000 $2.000 \%$ | 335,000 $1.550 \%$ <br> 340,000 $1.750 \%$ <br> 3  | 385,000 $1.800 \%$ <br> 390,000 $1.750 \%$ |
| 2022 |  | 295,000 2.600\% | 205,000 2.000\% | 345,000 1.900\% | 400,000 1.950\% |
| 2025 |  |  |  |  | 250,000 2.400\% |
| 2026 |  |  |  |  |  |
| 2027 |  |  |  |  |  |
| 2028 |  |  |  |  |  |
| 2030 |  |  |  |  |  |
| 2031 |  |  |  |  |  |
| 2032 |  |  |  |  |  |
| 2033 |  |  |  |  |  |
| 2034 |  |  |  |  |  |
| 2035 |  |  |  |  |  |
| 2036 |  |  |  |  |  |
| 2037 |  |  |  |  |  |
| 2038 |  |  |  |  |  |
| 2039 |  |  |  |  |  |
| 2040 |  |  |  |  |  |
| 2041 |  |  |  |  |  |
| 2042 |  |  |  |  |  |
| 2043 |  |  |  |  |  |
| 2044 |  |  |  |  |  |
| 2045 |  |  |  |  |  |
| 2046 |  |  |  |  |  |
| 2047 |  |  |  |  |  |
| Use of Proceeds | Permanent Financing of projects initiated from Series A2008 and A2009 Notes | Current refund 2002-A and 2002-B, advance refund 2002-C, 2003-A, and 2007-A | New money sewer system project | Permanent Financing to projects initiated from Series A2011 Notes, current refund 2002-C, and advance refund 2005-A and 2008-A | Permanent Financing to projects initiated from Series A2012 Notes and various new money projects |

## City of Leavenworth, Kansas

Summary of Outstanding General Obligation Bonds


## City of Leavenworth, Kansas

Summary of Outstanding General Obligation Bonds

| Original Par <br> Issue Name <br> Series <br> Dated <br> Callable <br> Prinicpal | $\$ 4,910,000$ <br> Taxable General Obligation <br> Bonds <br> Taxable Series 2017-A <br> 2/1/2017 <br> 9/1/2024 <br> 1-Sep |  | $\$ 1,640,000$General Obligation BondsSeries 2017-B$6 / 29 / 2017$$9 / 1 / 2022$1 Sep |  | $\$ 1,410,000$General Obligation BondsSeries 2018-A$6 / 28 / 2018$$9 / 1 / 2023$1 Sep |  | $\$ 1,340,000$General Obligation BondsSeries 2019-A6/27/2019$9 / 1 / 2025$1-Sep |  | $\$ 7,900,000$ <br> General Obligation Refunding and <br> Improvement Bonds <br> Series 2020-A <br> $6 / 25 / 2020$ <br> $9 / 1 / 2027$ <br> 1-Sep |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Principal | Coupon | Principal | Coupon | Principal | Coupon | Principal | Coupon | Principal | Coupon |
| 2020 | 190,000 | 4.000\% | 155,000 | 2.000\% | 130,000 | 3.000\% | 110,000 | 3.000\% |  |  |
| 2021 | 195,000 | 4.000\% | 160,000 | 2.250\% | 130,000 | 3.000\% | 120,000 | 3.000\% | 350,000 | 1.000\% |
| 2022 | 205,000 | 4.000\% | 160,000 | 2.250\% | 135,000 | 3.000\% | 125,000 | 3.000\% | 510,000 | 1.000\% |
| 2023 | 215,000 | 4.000\% | 165,000 | 2.500\% | 140,000 | 3.000\% | 130,000 | 3.000\% | 1,260,000 | 1.000\% |
| 2024 | 225,000 | 2.700\% | 170,000 | 2.500\% | 145,000 | 3.000\% | 130,000 | 3.000\% | 1,110,000 | 1.000\% |
| 2025 | 235,000 | 2.850\% | 175,000 | 2.600\% | 150,000 | 3.000\% | 135,000 | 3.000\% | 965,000 | 1.500\% |
| 2026 | 245,000 | 3.000\% | 180,000 | 2.700\% | 150,000 | 3.000\% | 140,000 | 3.000\% | 620,000 | 1.500\% |
| 2027 | 255,000 | 3.100\% | 185,000 | 2.750\% | 155,000 | 3.000\% | 145,000 | 3.000\% | 625,000 | 1.500\% |
| 2028 | 265,000 | 3.200\% |  |  | 160,000 | 3.125\% | 150,000 | 3.000\% | 630,000 | 1.750\% |
| 2029 | 280,000 | 3.200\% |  |  |  |  | 155,000 | 3.000\% | 650,000 | 1.750\% |
| 2030 | 290,000 | 3.350\% |  |  |  |  |  |  | 660,000 | 1.750\% |
| 2031 | 305,000 | $3.350 \%$ |  |  |  |  |  |  | 255,000 | 1.750\% |
| 2032 | 320,000 | $3.400 \%$ |  |  |  |  |  |  | 265,000 | 1.750\% |
| 2033 | 340,000 | $3.550 \%$ |  |  |  |  |  |  |  |  |
| 2034 | 355,000 | 3.550\% |  |  |  |  |  |  |  |  |
| 2035 | 375,000 | 3.550\% |  |  |  |  |  |  |  |  |
| 2036 | 400,000 | 3.550\% |  |  |  |  |  |  |  |  |
| 2037 |  |  |  |  |  |  |  |  |  |  |
| 2039 |  |  |  |  |  |  |  |  |  |  |
| 2040 |  |  |  |  |  |  |  |  |  |  |
| 2041 |  |  |  |  |  |  |  |  |  |  |
| 2042 |  |  |  |  |  |  |  |  |  |  |
| 2043 |  |  |  |  |  |  |  |  |  |  |
| 2045 |  |  |  |  |  |  |  |  |  |  |
| 2046 |  |  |  |  |  |  |  |  |  |  |
| 2047 |  |  |  |  |  |  |  |  |  |  |
| Use of Proceeds | Fund the Cit developm | are of sts | Permanent Finan initiated from Ser | projects <br> 16 Notes | Permanent Financ initiated from Seri | projects <br> 7 Notes | Permanent Finan initiated from Seri | projects <br> 18 Notes | Perm Financin initiated from Ser Refund certain 2014A, 201 | ects <br> Notes. <br> 012B, <br> s |

City of Leavenworth, Kansas
Summary of GO Temporary Note


City of Leavenworth, Kansas
Summary of Outstanding General Obligation Bonds
As of June 25, 2020

| Issue Name <br> Series <br> Dated | General Obligation Bonds Series 2010-A 6/15/2010 |  |  | General Obligation Refunding Bonds Series 2011-B 9/1/2011 |  |  | General Obligation Bonds Series 2012-A (Sewer Project) 3/1/2012 |  |  | General Obligation Improvement andRefunding BondsSeries 2012-B$6 / 28 / 2012$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total |
| 09/01/20 | 280,000.00 | 1,400.00 | 281,400.00 | 300,000.00 | 10,675.00 | 310,675.00 | 195,000.00 | 6,000.00 | 201,000.00 | 335,000.00 | 8,848.75 | 343,848.75 |
| 03/01/21 | 0.00 | 0.00 | 0.00 | 0.00 | 7,375.00 | 7,375.00 | 0.00 | 4,050.00 | 4,050.00 | 0.00 | 6,252.50 | 6,252.50 |
| 09/01/21 | 0.00 | 0.00 | 0.00 | 295,000.00 | 7,375.00 | 302,375.00 | 200,000.00 | 4,050.00 | 204,050.00 | 340,000.00 | 6,252.50 | 346,252.50 |
| 03/01/22 | 0.00 | 0.00 | 0.00 | 0.00 | 3,835.00 | 3,835.00 | 0.00 | 2,050.00 | 2,050.00 | 0.00 | 3,277.50 | 3,277.50 |
| 09/01/22 | 0.00 | 0.00 | 0.00 | 295,000.00 | 3,835.00 | 298,835.00 | 205,000.00 | 2,050.00 | 207,050.00 | 345,000.00 | 3,277.50 | 348,277.50 |
| 03/01/23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 280,000.00 | 1,400.00 | 281,400.00 | 890,000.00 | 33,095.00 | 923,095.00 | 600,000.00 | 18,200.00 | 618,200.00 | 1,020,000.00 | 27,908.75 | 1,047,908.75 |

City of Leavenworth, Kansas
Summary of Outstanding General Obligation Bonds
As of June 25, 2020

| Issue Name <br> Series <br> Dated | General Obligation Bonds Series 2013-A 6/27/2013 |  |  | ```General Obligation Refunding and Improvement Bonds Series 2014-A 6/30/2014``` |  |  | Taxable General Obligation Bonds Series 2014-B 11/18/2014 |  |  | General Obligation Bonds Series 2015-A 6/30/2015 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total |
| 09/01/20 | 385,000.00 | 20,887.50 | 405,887.50 | 440,000.00 | 14,181.25 | 454,181.25 | 50,000.00 | 3,562.50 | 53,562.50 | 165,000.00 | 3,605.00 | 168,605.00 |
| 03/01/21 | 0.00 | 17,422.50 | 17,422.50 | 0.00 | 9,781.25 | 9,781.25 | 0.00 | 3,000.00 | 3,000.00 | 0.00 | 1,955.00 | 1,955.00 |
| 09/01/21 | 390,000.00 | 17,422.50 | 407,422.50 | 455,000.00 | 9,781.25 | 464,781.25 | 50,000.00 | 3,000.00 | 53,000.00 | 170,000.00 | 1,955.00 | 171,955.00 |
| 03/01/22 | 0.00 | 14,010.00 | 14,010.00 | 0.00 | 5,231.25 | 5,231.25 | 0.00 | 2,325.00 | 2,325.00 | 0.00 | 0.00 | 0.00 |
| 09/01/22 | 400,000.00 | 14,010.00 | 414,010.00 | 465,000.00 | 5,231.25 | 470,231.25 | 50,000.00 | 2,325.00 | 52,325.00 | 0.00 | 0.00 | 0.00 |
| 03/01/23 | 0.00 | 10,110.00 | 10,110.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,650.00 | 1,650.00 | 0.00 | 0.00 | 0.00 |
| 09/01/23 | 405,000.00 | 10,110.00 | 415,110.00 | 0.00 | 0.00 | 0.00 | 55,000.00 | 1,650.00 | 56,650.00 | 0.00 | 0.00 | 0.00 |
| 03/01/24 | 0.00 | 5,756.25 | 5,756.25 | 0.00 | 0.00 | 0.00 | 0.00 | 825.00 | 825.00 | 0.00 | 0.00 | 0.00 |
| 09/01/24 | 245,000.00 | 5,756.25 | 250,756.25 | 0.00 | 0.00 | 0.00 | 55,000.00 | 825.00 | 55,825.00 | 0.00 | 0.00 | 0.00 |
| 03/01/25 | 0.00 | 3,000.00 | 3,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/25 | 250,000.00 | 3,000.00 | 253,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2,075,000.00 | 121,485.00 | 2,196,485.00 | 1,360,000.00 | 44,206.25 | 1,404,206.25 | 260,000.00 | 19,162.50 | 279,162.50 | 335,000.00 | 7,515.00 | 342,515.00 |

City of Leavenworth, Kansas
Summary of Outstanding General Obligation Bonds
As of June 25, 2020

| Issue Name <br> Series <br> Dated | Taxable General Obligation Bonds Series 2015-B 11/30/2015 |  |  | General Obligation Refunding and Improvement Bonds <br> Series 2016-A 6/30/2016 |  |  | Taxable General Obligation Bonds Taxable Series 2017-A 2/1/2017 |  |  | General Obligation Bonds Series 2017-B 6/29/2017 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total |
| 09/01/20 | 60,000.00 | 5,195.00 | 65,195.00 | 595,000.00 | 41,681.25 | 636,681.25 | 190,000.00 | 80,332.50 | 270,332.50 | 155,000.00 | 16,586.25 | 171,586.25 |
| 03/01/21 | 0.00 | 4,520.00 | 4,520.00 | 0.00 | 35,731.25 | 35,731.25 | 0.00 | 76,532.50 | 76,532.50 | 0.00 | 15,036.25 | 15,036.25 |
| 09/01/21 | 60,000.00 | 4,520.00 | 64,520.00 | 620,000.00 | 35,731.25 | 655,731.25 | 195,000.00 | 76,532.50 | 271,532.50 | 160,000.00 | 15,036.25 | 175,036.25 |
| 03/01/22 | 0.00 | 3,845.00 | 3,845.00 | 0.00 | 29,531.25 | 29,531.25 | 0.00 | 72,632.50 | 72,632.50 | 0.00 | 13,236.25 | 13,236.25 |
| 09/01/22 | 60,000.00 | 3,845.00 | 63,845.00 | 435,000.00 | 29,531.25 | 464,531.25 | 205,000.00 | 72,632.50 | 277,632.50 | 160,000.00 | 13,236.25 | 173,236.25 |
| 03/01/23 | 0.00 | 3,020.00 | 3,020.00 | 0.00 | 25,181.25 | 25,181.25 | 0.00 | 68,532.50 | 68,532.50 | 0.00 | 11,436.25 | 11,436.25 |
| 09/01/23 | 65,000.00 | 3,020.00 | 68,020.00 | 440,000.00 | 25,181.25 | 465,181.25 | 215,000.00 | 68,532.50 | 283,532.50 | 165,000.00 | 11,436.25 | 176,436.25 |
| 03/01/24 | 0.00 | 2,126.25 | 2,126.25 | 0.00 | 20,781.25 | 20,781.25 | 0.00 | 64,232.50 | 64,232.50 | 0.00 | 9,373.75 | 9,373.75 |
| 09/01/24 | 65,000.00 | 2,126.25 | 67,126.25 | 460,000.00 | 20,781.25 | 480,781.25 | 225,000.00 | 64,232.50 | 289,232.50 | 170,000.00 | 9,373.75 | 179,373.75 |
| 03/01/25 | 0.00 | 1,102.50 | 1,102.50 | 0.00 | 16,066.25 | 16,066.25 | 0.00 | 61,195.00 | 61,195.00 | 0.00 | 7,248.75 | 7,248.75 |
| 09/01/25 | 70,000.00 | 1,102.50 | 71,102.50 | 465,000.00 | 16,066.25 | 481,066.25 | 235,000.00 | 61,195.00 | 296,195.00 | 175,000.00 | 7,248.75 | 182,248.75 |
| 03/01/26 | 0.00 | 0.00 | 0.00 | 0.00 | 10,835.00 | 10,835.00 | 0.00 | 57,846.25 | 57,846.25 | 0.00 | 4,973.75 | 4,973.75 |
| 09/01/26 | 0.00 | 0.00 | 0.00 | 485,000.00 | 10,835.00 | 495,835.00 | 245,000.00 | 57,846.25 | 302,846.25 | 180,000.00 | 4,973.75 | 184,973.75 |
| 03/01/27 | 0.00 | 0.00 | 0.00 | 0.00 | 5,257.50 | 5,257.50 | 0.00 | 54,171.25 | 54,171.25 | 0.00 | 2,543.75 | 2,543.75 |
| 09/01/27 | 0.00 | 0.00 | 0.00 | 95,000.00 | 5,257.50 | 100,257.50 | 255,000.00 | 54,171.25 | 309,171.25 | 185,000.00 | 2,543.75 | 187,543.75 |
| 03/01/28 | 0.00 | 0.00 | 0.00 | 0.00 | 4,307.50 | 4,307.50 | 0.00 | 50,218.75 | 50,218.75 | 0.00 | 0.00 | 0.00 |
| 09/01/28 | 0.00 | 0.00 | 0.00 | 95,000.00 | 4,307.50 | 99,307.50 | 265,000.00 | 50,218.75 | 315,218.75 | 0.00 | 0.00 | 0.00 |
| 03/01/29 | 0.00 | 0.00 | 0.00 | 0.00 | 3,357.50 | 3,357.50 | 0.00 | 45,978.75 | 45,978.75 | 0.00 | 0.00 | 0.00 |
| 09/01/29 | 0.00 | 0.00 | 0.00 | 100,000.00 | 3,357.50 | 103,357.50 | 280,000.00 | 45,978.75 | 325,978.75 | 0.00 | 0.00 | 0.00 |
| 03/01/30 | 0.00 | 0.00 | 0.00 | 0.00 | 2,307.50 | 2,307.50 | 0.00 | 41,498.75 | 41,498.75 | 0.00 | 0.00 | 0.00 |
| 09/01/30 | 0.00 | 0.00 | 0.00 | 100,000.00 | 2,307.50 | 102,307.50 | 290,000.00 | 41,498.75 | 331,498.75 | 0.00 | 0.00 | 0.00 |
| 03/01/31 | 0.00 | 0.00 | 0.00 | 0.00 | 1,207.50 | 1,207.50 | 0.00 | 36,641.25 | 36,641.25 | 0.00 | 0.00 | 0.00 |
| 09/01/31 | 0.00 | 0.00 | 0.00 | 105,000.00 | 1,207.50 | 106,207.50 | 305,000.00 | 36,641.25 | 341,641.25 | 0.00 | 0.00 | 0.00 |
| 03/01/32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31,532.50 | 31,532.50 | 0.00 | 0.00 | 0.00 |
| 09/01/32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 320,000.00 | 31,532.50 | 351,532.50 | 0.00 | 0.00 | 0.00 |
| 03/01/33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26,092.50 | 26,092.50 | 0.00 | 0.00 | 0.00 |
| 09/01/33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340,000.00 | 26,092.50 | 366,092.50 | 0.00 | 0.00 | 0.00 |
| 03/01/34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20,057.50 | 20,057.50 | 0.00 | 0.00 | 0.00 |
| 09/01/34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 355,000.00 | 20,057.50 | 375,057.50 | 0.00 | 0.00 | 0.00 |
| 03/01/35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13,756.25 | 13,756.25 | 0.00 | 0.00 | 0.00 |
| 09/01/35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 375,000.00 | 13,756.25 | 388,756.25 | 0.00 | 0.00 | 0.00 |
| 03/01/36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7,100.00 | 7,100.00 | 0.00 | 0.00 | 0.00 |
| 09/01/36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 400,000.00 | 7,100.00 | 407,100.00 | 0.00 | 0.00 | 0.00 |
| Total | 380,000.00 | 34,422.50 | 414,422.50 | 3,995,000.00 | 350,808.75 | 4,345,808.75 | 4,695,000.00 | 1,536,370.00 | 6,231,370.00 | 1,350,000.00 | 144,283.75 | 1,494,283.75 |

City of Leavenworth, Kansas
Summary of Outstanding General Obligation Bonds
As of June 25, 2020

| Issue Name <br> Series <br> Dated | General Obligation Bonds Series 2018-A 6/28/2018 |  |  | General Obligation Bonds Series 2019-A 6/27/2019 |  |  | General Obligation Refunding and Improvement <br> Bonds <br> Series 2020-A <br> 6/25/2020 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total |
| 09/01/20 | 130,000.00 | 19,525.00 | 149,525.00 | 110,000.00 | 20,100.00 | 130,100.00 | 0.00 | 0.00 | 0.00 |
| 03/01/21 | 0.00 | 17,575.00 | 17,575.00 | 0.00 | 18,450.00 | 18,450.00 | 0.00 | 74,141.67 | 74,141.67 |
| 09/01/21 | 130,000.00 | 17,575.00 | 147,575.00 | 120,000.00 | 18,450.00 | 138,450.00 | 350,000.00 | 54,250.00 | 404,250.00 |
| 03/01/22 | 0.00 | 15,625.00 | 15,625.00 | 0.00 | 16,650.00 | 16,650.00 | 0.00 | 52,500.00 | 52,500.00 |
| 09/01/22 | 135,000.00 | 15,625.00 | 150,625.00 | 125,000.00 | 16,650.00 | 141,650.00 | 510,000.00 | 52,500.00 | 562,500.00 |
| 03/01/23 | 0.00 | 13,600.00 | 13,600.00 | 0.00 | 14,775.00 | 14,775.00 | 0.00 | 49,950.00 | 49,950.00 |
| 09/01/23 | 140,000.00 | 13,600.00 | 153,600.00 | 130,000.00 | 14,775.00 | 144,775.00 | 1,260,000.00 | 49,950.00 | 1,309,950.00 |
| 03/01/24 | 0.00 | 11,500.00 | 11,500.00 | 0.00 | 12,825.00 | 12,825.00 | 0.00 | 43,650.00 | 43,650.00 |
| 09/01/24 | 145,000.00 | 11,500.00 | 156,500.00 | 130,000.00 | 12,825.00 | 142,825.00 | 1,110,000.00 | 43,650.00 | 1,153,650.00 |
| 03/01/25 | 0.00 | 9,325.00 | 9,325.00 | 0.00 | 10,875.00 | 10,875.00 | 0.00 | 38,100.00 | 38,100.00 |
| 09/01/25 | 150,000.00 | 9,325.00 | 159,325.00 | 135,000.00 | 10,875.00 | 145,875.00 | 965,000.00 | 38,100.00 | 1,003,100.00 |
| 03/01/26 | 0.00 | 7,075.00 | 7,075.00 | 0.00 | 8,850.00 | 8,850.00 | 0.00 | 30,862.50 | 30,862.50 |
| 09/01/26 | 150,000.00 | 7,075.00 | 157,075.00 | 140,000.00 | 8,850.00 | 148,850.00 | 620,000.00 | 30,862.50 | 650,862.50 |
| 03/01/27 | 0.00 | 4,825.00 | 4,825.00 | 0.00 | 6,750.00 | 6,750.00 | 0.00 | 26,212.50 | 26,212.50 |
| 09/01/27 | 155,000.00 | 4,825.00 | 159,825.00 | 145,000.00 | 6,750.00 | 151,750.00 | 625,000.00 | 26,212.50 | 651,212.50 |
| 03/01/28 | 0.00 | 2,500.00 | 2,500.00 | 0.00 | 4,575.00 | 4,575.00 | 0.00 | 21,525.00 | 21,525.00 |
| 09/01/28 | 160,000.00 | 2,500.00 | 162,500.00 | 150,000.00 | 4,575.00 | 154,575.00 | 630,000.00 | 21,525.00 | 651,525.00 |
| 03/01/29 | 0.00 | 0.00 | 0.00 | 0.00 | 2,325.00 | 2,325.00 | 0.00 | 16,012.50 | 16,012.50 |
| 09/01/29 | 0.00 | 0.00 | 0.00 | 155,000.00 | 2,325.00 | 157,325.00 | 650,000.00 | 16,012.50 | 666,012.50 |
| 03/01/30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10,325.00 | 10,325.00 |
| 09/01/30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 660,000.00 | 10,325.00 | 670,325.00 |
| 03/01/31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,550.00 | 4,550.00 |
| 09/01/31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 255,000.00 | 4,550.00 | 259,550.00 |
| 03/01/32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,318.75 | 2,318.75 |
| 09/01/32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 265,000.00 | 2,318.75 | 267,318.75 |
| 03/01/33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03/01/36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09/01/36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 1,295,000.00 | 183,575.00 | 1,478,575.00 | 1,340,000.00 | 212,250.00 | 1,552,250.00 | 7,900,000.00 | 720,404.17 | 8,620,404.17 |


| Aggregate Debt Service Payments |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Principal | Interest | Total | Fiscal Year Payment | Fiscal Year |
| 3,390,000.00 | 252,580.00 | 3,642,580.00 | 3,642,580.00 | 2020 |
| 0.00 | 291,822.92 | 291,822.92 | 0.00 |  |
| 3,535,000.00 | 271,931.25 | 3,806,931.25 | 4,098,754.17 | 2021 |
| 0.00 | 234,748.75 | 234,748.75 | 0.00 |  |
| 3,390,000.00 | 234,748.75 | 3,624,748.75 | 3,859,497.50 | 2022 |
| 0.00 | 198,255.00 | 198,255.00 | 0.00 |  |
| 2,875,000.00 | 198,255.00 | 3,073,255.00 | 3,271,510.00 | 2023 |
| 0.00 | 171,070.00 | 171,070.00 | 0.00 |  |
| 2,605,000.00 | 171,070.00 | 2,776,070.00 | 2,947,140.00 | 2024 |
| 0.00 | 146,912.50 | 146,912.50 | 0.00 |  |
| 2,445,000.00 | 146,912.50 | 2,591,912.50 | 2,738,825.00 | 2025 |
| 0.00 | 120,442.50 | 120,442.50 | 0.00 |  |
| 1,820,000.00 | 120,442.50 | 1,940,442.50 | 2,060,885.00 | 2026 |
| 0.00 | 99,760.00 | 99,760.00 | 0.00 |  |
| 1,460,000.00 | 99,760.00 | 1,559,760.00 | 1,659,520.00 | 2027 |
| 0.00 | 83,126.25 | 83,126.25 | 0.00 |  |
| 1,300,000.00 | 83,126.25 | 1,383,126.25 | 1,466,252.50 | 2028 |
| 0.00 | 67,673.75 | 67,673.75 | 0.00 |  |
| 1,185,000.00 | 67,673.75 | 1,252,673.75 | 1,320,347.50 | 2029 |
| 0.00 | 54,131.25 | 54,131.25 | 0.00 |  |
| 1,050,000.00 | 54,131.25 | 1,104,131.25 | 1,158,262.50 | 2030 |
| 0.00 | 42,398.75 | 42,398.75 | 0.00 |  |
| 665,000.00 | 42,398.75 | 707,398.75 | 749,797.50 | 2031 |
| 0.00 | 33,851.25 | 33,851.25 | 0.00 |  |
| 585,000.00 | 33,851.25 | 618,851.25 | 652,702.50 | 2032 |
| 0.00 | 26,092.50 | 26,092.50 | 0.00 |  |
| 340,000.00 | 26,092.50 | 366,092.50 | 392,185.00 | 2033 |
| 0.00 | 20,057.50 | 20,057.50 | 0.00 |  |
| 355,000.00 | 20,057.50 | 375,057.50 | 395,115.00 | 2034 |
| 0.00 | 13,756.25 | 13,756.25 | 0.00 |  |
| 375,000.00 | 13,756.25 | 388,756.25 | 402,512.50 | 2035 |
| 0.00 | 7,100.00 | 7,100.00 | 0.00 |  |
| 400,000.00 | 7,100.00 | 407,100.00 | 414,200.00 | 2036 |
| 27,775,000.00 | 3,455,086.67 | 31,230,086.67 | 31,230,086.67 |  |

City of Leavenworth, Kansas
Summary of GO Temporary Notes As of June 25, 2020

| Issue Name <br> Series <br> Dated | Temporary Notes Series B2017 6/29/2017 |  |  | Temporary Notes Series 2018-A 6/28/2018 |  |  | Temporary Notes Series A2019 6/27/2019 |  |  | Temporary Notes Series A2020 6/25/2020 |  |  | Aggregate Debt Service Payments |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Payment Date | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total | Principal | Interest | Total | Fiscal Year Payment | Fiscal Year |
| 09/01/20 | 240,000.00 | 1,800.00 | 241,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 240,000.00 | 1,800.00 | 241,800.00 | 0.00 |  |
| 12/01/20 | 0.00 | 0.00 | 0.00 | 0.00 | 4,875.00 | 4,875.00 | 0.00 | 52,850.00 | 52,850.00 | 0.00 | 0.00 | 0.00 | 0.00 | 57,725.00 | 57,725.00 | 299,525.00 | 2020 |
| 06/01/21 | 0.00 | 0.00 | 0.00 | 0.00 | 4,875.00 | 4,875.00 | 0.00 | 52,850.00 | 52,850.00 | 0.00 | 0.00 | 0.00 | 0.00 | 57,725.00 | 57,725.00 | 0.00 |  |
| 12/01/21 | 0.00 | 0.00 | 0.00 | 0.00 | 4,875.00 | 4,875.00 | 0.00 | 52,850.00 | 52,850.00 | 1,400,000.00 | 20,066.67 | 1,420,066.67 | 1,400,000.00 | 77,791.67 | 1,477,791.67 | 1,535,516.67 | 2021 |
| 06/01/22 | 0.00 | 0.00 | 0.00 | 390,000.00 | 4,875.00 | 394,875.00 | 0.00 | 52,850.00 | 52,850.00 | 0.00 | 0.00 | 0.00 | 390,000.00 | 57,725.00 | 447,725.00 | 0.00 |  |
| 12/01/22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6,040,000.00 | 52,850.00 | 6,092,850.00 | 0.00 | 0.00 | 0.00 | 6,040,000.00 | 52,850.00 | 6,092,850.00 | 6,540,575.00 | 2022 |
| Total | 240,000.00 | 1,800.00 | 241,800.00 | 390,000.00 | 19,500.00 | 409,500.00 | 6,040,000.00 | 264,250.00 | 6,304,250.00 | 1,400,000.00 | 20,066.67 | 1,420,066.67 | 8,070,000.00 | 305,616.67 | 8,375,616.67 | 8,375,616.67 |  |

City of Leavenworth, Kansas
Summary of Full Faith and Credit Tax Increment Bonds
As of June 25, 2020

| Issue Name <br> Series <br> Dated | Full Faith and Credit Tax Increment Bonds Series 2016-A 10/6/2016 |  |  |  | ggregate D | Service Paym |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Payment |  |  |  |  |  |  | Fiscal Year | Fiscal |
| Date | Principal | Interest | Total | Principal | Interest | Total | Payment | Year |
| 09/01/20 | 85,000.00 | 5,338.75 | 90,338.75 | 85,000.00 | 5,338.75 | 90,338.75 | 90,338.75 | 2020 |
| 03/01/21 | 0.00 | 4,488.75 | 4,488.75 | 0.00 | 4,488.75 | 4,488.75 | 0.00 |  |
| 09/01/21 | 90,000.00 | 4,488.75 | 94,488.75 | 90,000.00 | 4,488.75 | 94,488.75 | 98,977.50 | 2021 |
| 03/01/22 | 0.00 | 3,588.75 | 3,588.75 | 0.00 | 3,588.75 | 3,588.75 | 0.00 |  |
| 09/01/22 | 90,000.00 | 3,588.75 | 93,588.75 | 90,000.00 | 3,588.75 | 93,588.75 | 97,177.50 | 2022 |
| 03/01/23 | 0.00 | 3,003.75 | 3,003.75 | 0.00 | 3,003.75 | 3,003.75 | 0.00 |  |
| 09/01/23 | 90,000.00 | 3,003.75 | 93,003.75 | 90,000.00 | 3,003.75 | 93,003.75 | 96,007.50 | 2023 |
| 03/01/24 | 0.00 | 2,351.25 | 2,351.25 | 0.00 | 2,351.25 | 2,351.25 | 0.00 |  |
| 09/01/24 | 95,000.00 | 2,351.25 | 97,351.25 | 95,000.00 | 2,351.25 | 97,351.25 | 99,702.50 | 2024 |
| 03/01/25 | 0.00 | 1,615.00 | 1,615.00 | 0.00 | 1,615.00 | 1,615.00 | 0.00 |  |
| 09/01/25 | 95,000.00 | 1,615.00 | 96,615.00 | 95,000.00 | 1,615.00 | 96,615.00 | 98,230.00 | 2025 |
| 03/01/26 | 0.00 | 831.25 | 831.25 | 0.00 | 831.25 | 831.25 | 0.00 |  |
| 09/01/26 | 95,000.00 | 831.25 | 95,831.25 | 95,000.00 | 831.25 | 95,831.25 | 96,662.50 | 2026 |
| Total | 640,000.00 | 37,096.25 | 677,096.25 | 640,000.00 | 37,096.25 | 677,096.25 | 677,096.25 |  |

Bond Market Information

## RAYMOND JAMES

- MMD rates set new record lows after Brexit in July 2016 but rose in the wake of the 2016 Presidential election.
- In December 2016, the Federal Reserve increased the target fed funds rate for the first time in over a year. They continued to practice their strategy of gradual rate increases in 2017 by implementing three additional rate hikes.
- In July 2019, the Federal Reserve reversed course and cut the target fed funds rate for the first time in 10 years on the back of trade war fears with China and increasing global economic weakness.
- In March 2020 the municipal market hit all-time record lows at various points on the curve.


| MMD Change Since January |  |  |  |
| :---: | :---: | :---: | :---: |
| 10-Year MMD |  |  |  |
| 20-Year MMD | 30-Year MMD |  |  |
| $1 / 1 / 2020$ | 1.44 | 1.88 | 2.09 |
| $3 / 9 / 2020$ (Low) | 0.78 | 1.19 | 1.38 |
| $6 / 5 / 2020$ | 0.89 | 1.49 | 1.70 |
| Low vs. Current | +11 bps | +30 bps | +32 bps |



The information contained herein is solely intended to facilitate discussion of potentially applicable financing applications and is not intended to be a specific buy/sell recommendation, nor is it an official confirmation of terms. Any terms discussed herein are preliminary until confirmed in a definitive written agreement. While we believe that the outlined financial structure or marketing strategy is the best approach under the current market conditions, the market conditions at the time any proposed transaction is structured or sold may be different, which may require a different approach.

The analysis or information presented herein is based upon hypothetical projections and/or past performance that have certain limitations. No representation is made that it is accurate or complete or that any results indicated will be achieved. In no way is past performance indicative of future results. Changes to any prices, levels, or assumptions contained herein may have a material impact on results. Any estimates or assumptions contained herein represent our best judgment as of the date indicated and are subject to change without notice. Examples are merely representative and are not meant to be all-inclusive.

Raymond James shall have no liability, contingent or otherwise, to the recipient hereof or to any third party, or any responsibility whatsoever, for the accuracy, correctness, timeliness, reliability or completeness of the data or formulae provided herein or for the performance of or any other aspect of the materials, structures and strategies presented herein. This Presentation is provided to you for the purpose of your consideration of the engagement of Raymond James as an underwriter and not as your financial advisor or Municipal Advisor (as defined in Section 15B of the Exchange Act of 1934, as amended), and we expressly disclaim any intention to act as your fiduciary in connection with the subject matter of this Presentation. The information provided is not intended to be and should not be construed as a recommendation or "advice" within the meaning of Section 15B of the above-referenced Act. Any portion of this Presentation which provides information on municipal financial products or the issuance of municipal securities is only given to provide you with factual information or to demonstrate our experience with respect to municipal markets and products. Municipal Securities Rulemaking Board ("MSRB") Rule G-17 requires that we make the following disclosure to you at the earliest stages of our relationship, as underwriter, with respect to an issue of municipal securities: the underwriter's primary role is to purchase securities with a view to distribution in an arm's-length commercial transaction with the issuer and it has financial and other interests that differ from those of the issuer.

Raymond James does not provide accounting, tax or legal advice; however, you should be aware that any proposed transaction could have accounting, tax, legal or other implications that should be discussed with your advisors and/or legal counsel.

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