RBCCM has assisted the District with all aspects of debt management over the last 7 years.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| U/L Tax Ref Bds, Series 2021A | U/L Tax Ref Bds, Series 2021B | U/L Tax Sch Bldg Bds, Series 2020 | U/L Tax Sch Bldg Bds, Series 2017A | U/L Tax Ref Bds, Series 2017B | U/L Tax Sch Bldg Bds, Series 2016A | U/L Tax Ref Bds, Series 2016B | U/L Tax Ref Bds, Series 2015 |
| \$4,765,000 | \$1,810,000 | \$52,800,000 | \$33,430,000 | \$6,255,000 | \$16,340,000 | \$6,820,000 | \$8,850,000 |
| Financial Advisor April 2021 | Financial Advisor April 2021 | Financial Advisor August 2020 | Financial Advisor July 2017 | Financial Advisor July 2017 | Financial Advisor June 2016 | Financial Advisor June 2016 | Financial Advisor September 2015 |

- May 2017

RBCCM worked with the District to plan for and pass ( 652 votes for vs. 192 votes against) a $\$ 125,000,000$ bond election. To date, the District has issued $\$ 95,000,000$ of the $\$ 125,000,000$ authorized as outlined below:
July 2017 - The District issued $\$ 33,430,000$ of school building bonds which generated $\$ 35,000,000$ of proceeds to the District.
August 2020 - The District issued $\$ 52,800,000$ of school building bonds which generated $\$ 60,000,000$ of proceeds to the District.

| Summary of Historical Refunding Results |  |  |
| :--- | ---: | ---: |
|  | Gross Debt <br> Service Savings | PV Debt <br> Service Savngs |
| Refunding Series | $(\$ 290,737)$ | $\$ 362,475$ |
| U/L TaxRef Bds, Series 2015 | $1,947,352$ | $1,398,555$ |
| U/L TaxRef Bds, Series 2016B | $1,689,923$ | $1,216,365$ |
| U/L TaxRef Bds, Series 2017B | $1,145,243$ | $1,096,781$ |
| U/L TaxRef Bds, Series 2021A | 135,004 | 134,232 |
| U/L TaxRef Bds, Series 2021B | $\$ 4,626,784$ | $\$ 4,208,407$ |
| Total Savings |  |  |


| Summary of Historical Cash Redemptions |  |  |  |  |
| :--- | :---: | ---: | :---: | :---: |
|  | Redemption <br> Redeemed Series | Gross Interest <br> Savings |  |  |
| U/L Tax Sch Bldg \& Ref Bds, Series 2002 | $02 / 15 / 2015$ | $\$ 570,288$ |  |  |
| U/L Tax Sch Bldg \& Ref Bds, Series 2002 | $02 / 15 / 2016$ | 274,723 |  |  |
| Total Savings |  |  |  | $\$ 845,012$ |

[^0]Overview of Outstanding Debt

| Summary of Existing Unlimited Tax Debt ("A+" / "A+") |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Issue | Issued Par Amount | Outstanding Par Amount | Callable Par Amount | Coupon/Yield Range of Callable Bonds | First Call Date | Final Maturity | Structure | Use of Proceeds |
| U/L Tax Sch Bldg \& Ref Bds Ser 2002 | \$23,178,356 | \$899,482 | \$ | N/A | N/A | 08/15/2023 | Fixed Rate | Refunding \& School Building |
| U/L Tax Ref Bds Ser 2015 | 8,850,000 | 8,800,000 | 8,270,000 | 4.000\% | 08/15/2025 | 08/15/2033 | Fixed Rate | Refunding |
| U/L Tax Sch Bldg Bds Ser 2016A | 16,340,000 | 16,210,000 | 16,210,000 | 5.000\% | 02/15/2026 | 08/15/2036 | Fixed Rate | School Building |
| U/L TaxRef Bds Ser 2016B | 6,820,000 | 5,855,000 | 3,145,000 | 2.000\% - 4.000\% | 02/15/2026 | 08/15/2033 | Fixed Rate | Refunding |
| U/L Tax Sch Bldg Bds Ser 2017A | 33,430,000 | 33,430,000 | 33,430,000 | 4.000\% - 5.000\% | 02/15/2027 | 08/15/2043 | Fixed Rate | School Building |
| U/L TaxRef Bds Ser 2017B* | 6,255,000 | 5,660,000 | 4,185,000 | 2.710\% - 4.000\% | 02/15/2027 | 08/15/2031 | Fixed Rate | Refunding |
| U/L Tax Sch Bldg Bds Ser 2020 | 52,800,000 | 52,800,000 | 50,170,000 | 1.000\% - 4.000\% | 02/15/2030 | 08/15/2046 | Fixed Rate | School Building |
| U/L TaxRef Bds Ser 2021A | 4,765,000 | 4,765,000 | - | N/A | N/A | 08/15/2029 | Fixed Rate | Refunding |
| U/L TaxRef Bds Ser 2021B | 1,810,000 | 1,810,000 |  | N/A | N/A | 08/15/2028 | Fixed Rate | Refunding |
| Total | \$154,248,356 | \$130,229,482 | \$115,410,000 |  |  |  |  |  |

*Series 2017B include CABs that are callable at their respective accreted values, not their original principal values.

Outstanding Debt by Principal and Interest


Outstanding Debt by Series

U.S. Economic Overview (as of November 1st, 2021

US equities advanced last week, pushing the DJIA, S\&P500, and Nasdaq highe by $0.4 \%, 1.3 \%$, and $2.7 \%$, respectively

- Friday's close marked new all-time highs for the DJIA and S\&P500, propelled by strong corporate earnings.
- Third-quarter GDP grew at an annualized rate of $2.0 \%$, down from $6.7 \%$ in Q2 and falling short of expectations
- Cheaper MMD/UST ratios, driven by the rally in long-term Treasuries, helped reinvigorate demand for tax-exempt bonds.
- Taxable demand was generally bar-belled inside of ten years and on the long end of the yield curve.
- Municipal bond funds reported $\$ 397 \mathrm{~mm}$ of inflows last week, marking the 34th consecutive week of positive fund flows.

Tax-Exempt and Taxable Yield Trends: January 1, 2019 - Present


RBC Economic Outlook and Interest Rate Forecasts(1)

|  | Q4'21 | Q1'22 | Q2'22 | Q3'22 | Q4'22 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Real GDP (QoQ) | 4.50 | 3.50 | 3.00 | 3.00 | 2.50 |
| Core Inflation (YoY) | 5.30 | 4.60 | 3.30 | 2.60 | 2.20 |
| Fed Funds* | 0.13 | 0.13 | 0.13 | 0.13 | 0.38 |
| 2-Year Notes | 0.45 | 0.60 | 0.80 | 1.00 | 1.20 |
| 5-Year Notes | 1.20 | 1.30 | 1.45 | 1.60 | 1.80 |
| 10-Year Notes | 1.75 | 1.85 | 2.00 | 2.10 | 2.20 |
| 30-Year Bonds | 2.30 | 2.40 | 2.50 | 2.55 | 2.55 |

(1) RBC Rate and Economic Forecast as of October 8, 2021.
*Top of 25 basis point range.

Today's MMD Yield Curve in Context


## Current Market Review

Historical Perspective

Bond Buyer 20 GO Index since January 1961

\% of Time in Each Range Since 1961

| Less than 3.50\% | 13.39\% |
| :---: | :---: |
| 3.50\% - 4.00\% | 10.62\% |
| 4.01\% - 4.50\% | 11.06\% |
| 4.51\% - 5.00\% | 9.52\% |
| 5.01\% - 5.50\% | 13.27\% |
| 5.51\% - 6.00\% | 9.23\% |
| 6.01\% - 6.50\% | 7.15\% |
| 6.51\% - 7.00\% | 6.52\% |
| 7.01\% - 7.50\% | 5.89\% |
| 7.51\% - 8.00\% | 3.47\% |
| Greater than 8.00\% | 9.86\% |
| Total | 100.00\% |

## Current Market Review

Recent Texas School District Bond Election Results

| Election | No. of ISD Propositions | Propositions Passed | Par Amount Requested | Par Amount Passed | Par Amount Failed | Pass \% by No. ${ }^{(1)}$ | Pass \% by Par ${ }^{(2)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| May 2016 | 80 | 59 | \$4,718,273,461 | \$4,253,743,461 | \$464,530,000 | 73.75\% | 90.15\% |
| November 2016 | 24 | 18 | 2,887,475,577 | 2,719,875,577 | 167,600,000 | 75.00\% | 94.20\% |
| May 2017 | 74 | 50 | 5,819,537,500 | 4,423,897,500 | 1,395,640,000 | 67.57\% | 76.02\% |
| November 2017 | 62 | 44 | 8,208,375,291 | 7,378,790,000 | 829,585,291 | 70.97\% | 89.89\% |
| May 2018 | 63 | 44 | 5,261,674,862 | 4,444,304,862 | 817,370,000 | 69.84\% | 84.47\% |
| November 2018 | 56 | 47 | 5,756,073,607 | 5,550,099,307 | 205,974,300 | 83.93\% | 96.42\% |
| May 2019 | 69 | 55 | 8,505,425,000 | 6,190,575,000 | 2,314,850,000 | 79.71\% | 72.78\% |
| November 2019 | 64 | 47 | 6,973,634,000 | 5,519,390,000 | 1,454,244,000 | 73.44\% | 79.15\% |
| May 2020 ${ }^{(3)}$ | 4 | 4 | 282,195,000 | 282,195,000 | - | 100.00\% | 100.00\% |
| November 2020 | 74 | 45 | 9,048,567,500 | 7,517,055,864 | 1,531,511,636 | 60.81\% | 83.07\% |
| May 2021 | 114 | 93 | 7,099,124,045 | 6,545,408,761 | 553,715,284 | 81.58\% | 92.20\% |
| Total | 684 | 506 | \$64,560,355,843 | \$54,825,335,332 | \$9,735,020,511 | 73.98\% | 84.92\% |


| May 2021 Results by Dollar Amount |  | Amount Failed 7.80\% | - Amount Passed <br> - Amount Failed |  | Propositions Failed $18.42 \%$ | - Propositions Passed <br> - Propositions Failed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | May 2021 Results by Propositions |  |  |
| Election Amount | \$7,099,124,045 |  |  | Propositions Called | 114 |  |
| Amount Passed | \$6,545,408,761 |  |  | Propositions Passed | 93 |  |
| Percentage Passed | 92.20\% |  |  | Percentage Passed | 81.58\% |  |
| Amount Failed | \$553,715,284 |  |  | Propositions Failed | 21 |  |
| Percentage Failed | 7.80\% |  | Amount | Percentage Failed | 18.42\% |  |
|  |  |  | $\begin{aligned} & \text { Passed } \\ & 92.20 \% \end{aligned}$ |  |  | $\begin{aligned} & \text { Passed } \\ & 81.58 \% \end{aligned}$ |

[^1]Preliminary November 2021 Texas School District Called Bond Elections

| Issuer | Election Amount | No. of Propositions | Issuer | Election Amount | No. of Propositions | Issuer | Election Amount | No. of Propositions |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alice ISD | \$5,900,000 | 2 | Elgin ISD | \$190,000,000 | 3 | Pilot Point ISD | \$38,413,463 | 1 |
| Alief ISD | 541,700,000 | 1 | Fort Worth ISD | 1,490,400,000 | 4 | Point Is abel ISD | 42,500,000 | 3 |
| Allen ISD | 23,600,000 | 2 | Gainesville ISD | 70,000,000 | 1 | Rockwall ISD | 475,845,000 | 2 |
| Azle ISD | 49,890,000 | 2 | Garner ISD | 20,000,000 | 1 | Royal ISD | 99,500,000 | 1 |
| Bartlett ISD | 20,000,000 | 1 | Georgetown ISD | 381,670,000 | 5 | Sanford-Fritch ISD | 5,000,000 | 1 |
| Bellville ISD | 112,400,000 | 2 | Gordon ISD | 12,000,000 | 1 | Santa Fe ISD | 110,000,000 | 1 |
| Bloomington ISD | 1,100,000 | 1 | Greenwood ISD | 140,000,000 | 1 | Scurry-Rosser ISD | 20,000,000 | 1 |
| Burton ISD | 43,867,742 | 1 | Hamshire-Fannett ISD | 1,480,000 | 1 | Skidmore-Tynan ISD | 14,640,000 | 1 |
| Cameron ISD | 14,500,000 | 1 | High Island ISD | 8,585,000 | 1 | Southside ISD | 52,000,000 | 1 |
| Canutillo ISD | 187,500,000 | 2 | Hooks ISD | 12,500,000 | 2 | Springtown ISD | 41,000,000 | 1 |
| Clarksville ISD | 16,800,000 | 1 | Judson ISD | 302,500,000 | 3 | Taft ISD | 5,405,000 | 1 |
| Cleveland ISD | 150,000,000 | 1 | Kilgore ISD | 113,000,000 | 2 | Temple ISD | 184,900,000 | 2 |
| College Station ISD | 83,160,000 | 4 | Leander ISD | 772,171,240 | 3 | Tomball ISD | 567,560,000 | 5 |
| Comal ISD | 527,712,795 | 4 | Lone Oak ISD | 44,900,000 | 2 | Vernon ISD | 40,000,000 | 1 |
| Commerce ISD | 68,000,000 | 1 | Mount Enterprise ISD | 9,705,000 | 1 | Victoria ISD | 200,700,000 | 3 |
| Connally ISD | 39,000,000 | 1 | Navarro ISD | 160,000,000 | 2 | Waco ISD | 355,000,000 | 1 |
| Cross Roads ISD | 7,000,000 | 1 | New Braunfels ISD | 348,000,000 | 3 | Westwood ISD | 38,325,000 | 1 |
| Crystal City ISD | 9,830,000 | 3 | New Deal ISD | 48,500,000 | 1 | White Settlement ISD | 115,000,000 | 1 |
| Douglass ISD | 10,000,000 | 1 | New Waverley ISD | 24,500,000 | 1 | Total | \$8,660,110,240 | 100 |
| East Central ISD | 172,450,000 | 1 | Normangee ISD | 20,000,000 | 1 |  |  |  |

Preliminary Bond Capacity Analysis


# Financing Scenario and Summary of Assumptions 

We present the following scenario:


The projected costs of the new bond plan are based upon the assumptions detailed below

- Assumes a bond election is held in May 2022 and all the newly authorized bonds are sold in August 2024
- Assumes a tax collection rate of 99.0\%
- Assumes current market interest rates plus 100 basis points ( $1.00 \%$ ) on the Series 2022 bonds and current market interest rates plus 125 basis points ( $1.25 \%$ ) on the Series 2024 bonds. (Subject to change.)

Assumes the District's 2021/22 certified gross taxable assessed valuation is $\$ 1,582,652,710$ and grows at $20 \%$ for three years and $15 \%$ for two years.

- Assumes the District's $2021 / 22$ certified net taxable assessed valuation is $\$ 1,434,110,806$ and grows at $20 \%$ for three years and $15 \%$ for two years.
- Assumes the District receives $\$ 475,000$ in $2021 / 22$ for the I\&S portion of its frozen levy revenues and that amount remains constant thereafter.
- Assumes the District will need to utilize up to $\$ 3,834,000$ of its existing I\&S fund balance to maintain tax rate at $\$ 0.50$. (Subject to change.)
" Assumes the District receives the Permanent School Fund ("PSF") guarantee for the bonds. (PSF approval has not been confirmed by TEA.)
- Assumes all bonds are sold as fixed rate with 10 -year call redemption provisions.

Please note that the above scenarios are preliminary and the projected results are subject to change as interest rates fluctuate, more structuring dialogue takes place with District administration and Bond/Tax Counsel have a chance to thoroughly review the financing plan and do a full tax analysis on any contemplated issuance. Bond/Tax Counsel will need to review the useful life of any assets being financed (especially technology improvements) against the average life of the proposed bond issue. This analysis does not contemplate herein.

## Summary of Assumptions and Findings

The projected costs of the new bond plan are based upon the assumptions detailed below:

- The District's $2021 / 22$ refined average daily attendance of 5,100 has been projected to grow conservatively in relation to District projections for 5 years ( $9.5 \%$ in $2022 / 23,6.5 \%$ in $2023 / 24,4.0 \%$ in 2024/25, $3.0 \%$ in 2025/26 , and $2.0 \%$ in 2026/27) and remain constant thereafter.
- The District's 2022 CPTD is assumed to be $97.5 \%$ of 2022 certified taxable assessed value and that assumption will remain constant in future years.
- Assumes the Bonds will receive Existing Debt Allotment ("EDA") funding in the next biennium and that the State share will be funded at $\$ 39.00$ per student per penny of tax effort Assumes the Bonds will receive Existing Debt Allotment ("EDA") funding in the next biennium and that the State share will be funded at $\$ 39.00$ per student per penny of tax effort,
up to 29 cents. Assumes the Bonds will not receive Instructional Facilities Allotment ("IFA") funding. Assumes the District levies sufficient taxes to cover the local portion of its debt up to 29 cents. Assumes the Bonds will not receive Instructional Facilities Allotment ("IFA) funding. Assumes the District levies sufficient taxes to cover the local portion
- The District must be able to demonstrate at the time of issuance of new bonds that it can levy an Interest \& Sinking Fund tax rate of no more than $\$ 0.50$ for all Bonds issued after September 1, 1992, based upon its current taxable assessed valuation. Note the District's current year EDA, IFA and the Subchapter B portion of its Tier I funds may be used to comply with this test. It is currently estimated that the District would need to pledge up to $\$ 7,281,723$ of its Tier I fuds for the scerio shown herein to pass subject to change). The District would need to use that amount of its Tier I funds prior to ever levying an I\&S rate above $\$ 0.50$, if the District couldn't meet its debt service requirements in any given year with a $\$ 0.50$ levy.

|  |  |
| :--- | ---: |
| Remaining New Money Authorization | $\$ 30,000,000$ |
| Newly Voted Authorization | $133,900,000$ |
| Total Amount of Bond Proceeds to the District | $\$ 163,900,000$ |
| Amortization Period | $\mathbf{3 0}$ Years |
| Maximum I\&S Fund Tax Rate | $\$ 0.500$ |
|  |  |
| Net Outstanding Unlimited Tax Debt Service | $\$ 225,407,472$ |
| Plus: Series 2022 Bond Debt Service | $57,731,000$ |
| Plus: Series 2024 Bond Debt Service | $232,129,350$ |
| Less: Projected Instructional Facilities Allotment Funding | $(399,013)$ |
| Less: Projected Existing Debt Allotment Funding | $(2,521,964)$ |
| Less: I\&S Fund Balance Contribution | $(15,834,000)$ |
| Less: Projected Frozen Levy Revenues | $\$ 492,837,000)$ |
| Total Net Projected Outstanding Debt Service |  |

Preliminary Bond Capacity Analysis
Financing Scenario: $\$ 30,000,000$ of Remaining Authorization Plus $\$ 133,900,000$ Bond Plan



## TRANSITION PLAN (2017 BOND TO NOW)

## START SMALL | DREAM BIG GROUP DISCUSSION (30 Minutes)

## 10,000 NEW HOMES IN NEXUS 5 YEARS

## POTENTHALYK. 100 OOTAL STUDENTS IN 5

## FACILITIES TO BE OVER-CAPACITM BY

## 2024-2026


[^0]:    RBCCM has worked with the District to successfully pass 1 bond election, implement 4 refunding bond programs and 2 cash redemptions that resulted in almost $\$ 5.5$ million in aggregate debt service savings for the District.

[^1]:    1) Election counted as passed if at least a portion of the election is passed.
    (2) Par amount passed as compared to par amount requested.
    (3) Pursuant to Gov. Abbott's March 18, 2020 proclamation, entities could postpone scheduled May 2020 bond elections to a later date.

    Source: Municipal Advisory Council of Texas, Strategic Partnerships Inc., district websites and various other sources. Unofficial results, subject to change.

