# Lubbock County, Texas 

January 31, 2019


Specialized Public Finance Inc. financial advisory services

Scenario 1: Detailed Analysis and Tax Rate Impact \$99, 650,000 Project Fund Deposit


## Scenario 1: Detailed Analysis and Tax Rate Impact

 \$99,650,000 Bond Par Amount| Fiscal Year Ending 30-Sep | Freeze Adjusted <br> Net Taxable Value ${ }^{(1)}$ | Projected <br> Growth <br> Rate | Existing Debt Service | Interest rate as of January 8, $2019{ }^{(3)}$ |  |  |  |  |  | Aggregate <br> Existing \& Proposed Debt Service |  | $\begin{gathered} \text { Projected } \\ \text { TaxRate @ } \\ 95 \%^{(2)} \end{gathered}$ |  | Projected <br> Tax Rate <br> Increase |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Aggregate; Bond Series 2019, 2021, 2023, \& 2025 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | Principal |  | Interest |  | Total |  |  |  |  |  |  |
| 2019 | \$19,216,749,332 | - | \$7,147,450 | \$ | - | \$ | - | \$ | - | \$ | 7,147,450 | \$ | 0.0393 |  |  |
| 2020 | 19,985,419,305 | 4.0\% | 7,145,375 |  | 170,000 |  | 143,420 |  | 313,420 |  | 7,458,795 |  | 0.0393 | \$ | - |
| 2021 | 20,784,836,077 | 4.0\% | 6,535,550 |  | 1,080,000 |  | 142,955 |  | 1,222,955 |  | 7,758,505 |  | 0.0393 |  |  |
| 2022 | 21,616,229,521 | 4.0\% | 6,528,300 |  | 20,000 |  | 1,521,723 |  | 1,541,723 |  | 8,070,023 |  | 0.0393 |  |  |
| 2023 | 22,480,878,701 | 4.0\% | 6,528,725 |  | 220,000 |  | 1,645,195 |  | 1,865,195 |  | 8,393,920 |  | 0.0393 |  |  |
| 2024 | 23,380,113,849 | 4.0\% | 962,125 |  | 4,455,000 |  | 3,313,838 |  | 7,768,838 |  | 8,730,963 |  | 0.0393 |  |  |
| 2025 | 24,081,517,265 | 3.0\% | 960,900 |  | 4,690,000 |  | 3,340,350 |  | 8,030,350 |  | 8,991,250 |  | 0.0393 |  |  |
| 2026 | 24,803,962,783 | 3.0\% | 963,900 |  | 4,845,000 |  | 3,453,967 |  | 8,298,967 |  | 9,262,867 |  | 0.0393 |  |  |
| 2027 | 25,548,081,666 | 3.0\% | - |  | 4,665,000 |  | 3,330,644 |  | 7,995,644 |  | 7,995,644 |  | 0.0329 |  |  |
| 2028 | 26,314,524,116 | 3.0\% | - |  | 4,810,000 |  | 3,181,528 |  | 7,991,528 |  | 7,991,528 |  | 0.0320 |  |  |
| 2029 | 27,103,959,840 | 3.0\% | - |  | 4,975,000 |  | 3,023,823 |  | 7,998,823 |  | 7,998,823 |  | 0.0311 |  |  |
| 2030 | 27,917,078,635 | 3.0\% | - |  | 5,145,000 |  | 2,851,464 |  | 7,996,464 |  | 7,996,464 |  | 0.0302 |  |  |
| 2031 | 28,754,590,994 | 3.0\% | - |  | 5,335,000 |  | 2,660,243 |  | 7,995,243 |  | 7,995,243 |  | 0.0293 |  |  |
| 2032 | 29,617,228,724 | 3.0\% | - |  | 5,540,000 |  | 2,452,945 |  | 7,992,945 |  | 7,992,945 |  | 0.0284 |  |  |
| 2033 | 30,505,745,586 | 3.0\% | - |  | 5,760,000 |  | 2,234,298 |  | 7,994,298 |  | 7,994,298 |  | 0.0276 |  |  |
| 2034 | 31,420,917,953 | 3.0\% | - |  | 5,995,000 |  | 2,001,050 |  | 7,996,050 |  | 7,996,050 |  | 0.0268 |  |  |
| 2035 | 32,363,545,492 | 3.0\% | - |  | 6,240,000 |  | 1,750,878 |  | 7,990,878 |  | 7,990,878 |  | 0.0260 |  |  |
| 2036 | 33,334,451,857 | 3.0\% | - |  | 6,510,000 |  | 1,482,070 |  | 7,992,070 |  | 7,992,070 |  | 0.0252 |  |  |
| 2037 | 34,334,485,412 | 3.0\% | - |  | 6,810,000 |  | 1,188,550 |  | 7,998,550 |  | 7,998,550 |  | 0.0245 |  |  |
| 2038 | 35,364,519,975 | 3.0\% | - |  | 7,120,000 |  | 874,013 |  | 7,994,013 |  | 7,994,013 |  | 0.0238 |  |  |
| 2039 | 36,425,455,574 | 3.0\% | - |  | 7,450,000 |  | 540,569 |  | 7,990,569 |  | 7,990,569 |  | 0.0231 |  |  |
| 2040 | 37,518,219,241 | 3.0\% | - |  | 7,815,000 |  | 183,950 |  | 7,998,950 |  | 7,998,950 |  | 0.0224 |  |  |
|  |  |  | \$ 36,772,325 | \$ | 99,650,000 | \$ | 41,317,469 | \$ | 140,967,469 | \$ | 177,739,794 |  |  |  |  |

## Max Projected Tax Rate

## \$ 0.0393

${ }^{(1)}$ Assessed Value for FY2019 reflect actual values. Projected AV growth rates provided by the County (historical 10 -year growth avg. $=4.5 \%$ ). See assumptions page.
${ }^{(2)}$ Assumes 95\% Tax Rate collections.
${ }^{(3)}$ Market rates as of January 8, 2019. Series $2019+25$ basis points; Series $2021+75$ basis points; Series $2023+125$ basis points; Series $2025+175$ basis points. See assumptions page.

Scenario 1: Detailed Individual Bond Issuances

Series 2019

| Current Rates +25bps |  |  |  |  | Current Rates +75 bps |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TIC = 3.55\% 21 Year Debt Service |  |  |  |  | TIC $=3.94 \% 19$ Year Debt Service |  |  |  |  |
| Principal |  | Interest |  | Total |  | Principal |  | Interest | Total |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - | \$ |
| 170,000 |  | 143,420 |  | 313,420 |  | - |  | - | - |
| 1,080,000 |  | 142,955 |  | 1,222,955 |  | - |  | - | - |
| 20,000 |  | 130,855 |  | 150,855 |  | - |  | 1,390,868 | 1,390,868 |
| 5,000 |  | 130,573 |  | 135,573 |  | 215,000 |  | 1,514,623 | 1,729,623 |
| 175,000 |  | 128,323 |  | 303,323 |  | 1,820,000 |  | 1,487,365 | 3,307,365 |
| 180,000 |  | 123,885 |  | 303,885 |  | 1,870,000 |  | 1,437,083 | 3,307,083 |
| 185,000 |  | 119,323 |  | 304,323 |  | 1,925,000 |  | 1,384,420 | 3,309,420 |
| 185,000 |  | 114,698 |  | 299,698 |  | 1,980,000 |  | 1,328,265 | 3,308,265 |
| 190,000 |  | 109,773 |  | 299,773 |  | 2,040,000 |  | 1,268,460 | 3,308,460 |
| 200,000 |  | 104,410 |  | 304,410 |  | 2,100,000 |  | 1,206,360 | 3,306,360 |
| 205,000 |  | 98,329 |  | 303,329 |  | 2,165,000 |  | 1,140,220 | 3,305,220 |
| 210,000 |  | 91,585 |  | 301,585 |  | 2,240,000 |  | 1,066,380 | 3,306,380 |
| 215,000 |  | 84,571 |  | 299,571 |  | 2,320,000 |  | 984,840 | 3,304,840 |
| 225,000 |  | 77,033 |  | 302,033 |  | 2,410,000 |  | 897,313 | 3,307,313 |
| 235,000 |  | 68,748 |  | 303,748 |  | 2,500,000 |  | 804,625 | 3,304,625 |
| 240,000 |  | 59,600 |  | 299,600 |  | 2,600,000 |  | 705,125 | 3,305,125 |
| 250,000 |  | 49,800 |  | 299,800 |  | 2,710,000 |  | 598,925 | 3,308,925 |
| 265,000 |  | 39,500 |  | 304,500 |  | 2,825,000 |  | 481,163 | 3,306,163 |
| 275,000 |  | 28,700 |  | 303,700 |  | 2,955,000 |  | 351,113 | 3,306,113 |
| 285,000 |  | 17,500 |  | 302,500 |  | 3,090,000 |  | 215,100 | 3,305,100 |
| 295,000 |  | 5,900 |  | 300,900 |  | 3,235,000 |  | 72,788 | 3,307,788 |
| \$ 5,090,000 | \$ | 1,869,477 | \$ | 6,959,477 |  | 41,000,000 | \$ | 18,335,033 | \$59,335,033 |

Series 2023
Current Rates +125 bps

| TIC $=4.30 \%$ 17 Year Debt Service |  |  |  |
| :---: | :---: | :---: | :---: |
| Principal | Interest | Total |  |
| $\$$ | - | - | $\$$ |
| - | - | - |  |
| - | - | - |  |
| - | - | - |  |
| - | - | - |  |
| $2,460,000$ | $1,698,151$ | $4,158,151$ |  |
| $2,640,000$ | $1,779,383$ | $4,419,383$ |  |
| $2,410,000$ | $1,702,428$ | $4,112,428$ |  |
| $2,185,000$ | $1,629,566$ | $3,814,566$ |  |
| $2,255,000$ | $1,557,980$ | $3,812,980$ |  |
| $2,335,000$ | $1,481,038$ | $3,816,038$ |  |
| $2,420,000$ | $1,394,800$ | $3,814,800$ |  |
| $2,515,000$ | $1,299,125$ | $3,814,125$ |  |
| $2,620,000$ | $1,196,425$ | $3,816,425$ |  |
| $2,725,000$ | $1,089,525$ | $3,814,525$ |  |
| $2,840,000$ | 974,675 | $3,814,675$ |  |
| $2,965,000$ | 851,319 | $3,816,319$ |  |
| $3,095,000$ | 718,675 | $3,813,675$ |  |
| $3,240,000$ | 576,138 | $3,816,138$ |  |
| $3,385,000$ | 427,075 | $3,812,075$ |  |
| $3,545,000$ | 266,719 | $3,811,719$ |  |
| $3,725,000$ | 91,263 | $3,816,263$ |  |
| $\$ 47,360,000$ | $\$ 18,734,282$ | $\$ 66,094,282$ |  |

Series 2025

| Current Rates +175bps |  |  |  |  | AGGREGATE NEW DEBT SERVICE |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TIC $=4.65 \% 15$ Year Debt Service |  |  |  |  | Principal |  | Interest | Total |  |
| Principal |  | Interest |  | Total |  |  |  |  |  |
| \$ | \$ | - | \$ | - | \$ | - | \$ | \$ | - |
| - |  | - |  | - |  | 170,000 | 143,420 |  | 313,420 |
| - |  | - |  | - |  | 1,080,000 | 142,955 |  | 1,222,955 |
| - |  | - |  | - |  | 20,000 | 1,521,723 |  | 1,541,723 |
| - |  | - |  | - |  | 220,000 | 1,645,195 |  | 1,865,195 |
| - |  | - |  | - |  | 4,455,000 | 3,313,838 |  | 7,768,838 |
| - |  | - |  | - |  | 4,690,000 | 3,340,350 |  | 8,030,350 |
| 325,000 |  | 247,797 |  | 572,797 |  | 4,845,000 | 3,453,967 |  | 8,298,967 |
| 315,000 |  | 258,115 |  | 573,115 |  | 4,665,000 | 3,330,644 |  | 7,995,644 |
| 325,000 |  | 245,315 |  | 570,315 |  | 4,810,000 | 3,181,528 |  | 7,991,528 |
| 340,000 |  | 232,015 |  | 572,015 |  | 4,975,000 | 3,023,823 |  | 7,998,823 |
| 355,000 |  | 218,115 |  | 573,115 |  | 5,145,000 | 2,851,464 |  | 7,996,464 |
| 370,000 |  | 203,153 |  | 573,153 |  | 5,335,000 | 2,660,243 |  | 7,995,243 |
| 385,000 |  | 187,109 |  | 572,109 |  | 5,540,000 | 2,452,945 |  | 7,992,945 |
| 400,000 |  | 170,428 |  | 570,428 |  | 5,760,000 | 2,234,298 |  | 7,994,298 |
| 420,000 |  | 153,003 |  | 573,003 |  | 5,995,000 | 2,001,050 |  | 7,996,050 |
| 435,000 |  | 134,834 |  | 569,834 |  | 6,240,000 | 1,750,878 |  | 7,990,878 |
| 455,000 |  | 114,670 |  | 569,670 |  | 6,510,000 | 1,482,070 |  | 7,992,070 |
| 480,000 |  | 91,750 |  | 571,750 |  | 6,810,000 | 1,188,550 |  | 7,998,550 |
| 505,000 |  | 67,125 |  | 572,125 |  | 7,120,000 | 874,013 |  | 7,994,013 |
| 530,000 |  | 41,250 |  | 571,250 |  | 7,450,000 | 540,569 |  | 7,990,569 |
| 560,000 |  | 14,000 |  | 574,000 |  | 7,815,000 | 183,950 |  | 7,998,950 |
| \$ 6,200,000 | \$ | 2,378,677 | \$ | 8,578,677 | \$ | 99,650,000 | \$ 41,317,469 | \$ | 40,967,469 |

AGGREGATE NEW DEBT SERVIC

| Series 2019 |  |  | Series 2021 |  |
| :---: | :---: | :---: | :---: | :---: |
| Total Sources of Funds |  |  | Total Sources of Funds |  |
| Par Amount | \$ | 5,090,000 | Par Amount | \$ 41,000,000 |
| Total Uses of Funds |  |  | Total Uses of Funds |  |
| Total Project Fund Deposit | \$ | 4,960,000 | Total Project Fund Deposit | \$ 40,735,000 |
| Estimated Bond Issuance Costs |  | 125,500 | Estimated Bond Issuance Costs | 265,000 |
| Miscellaneous / Rounding |  | 4,500 | Miscellaneous / Rounding | - |
| Total Uses of Funds | \$ | 5,090,000 | Total Uses of Funds | \$ 41,000,000 |


| Series 2023 |
| :---: |
| Total Sources of Funds |
| Par Amount |
|  |
| Total Uses of Funds |
| Total Project Fund Deposit |
| Estimated Bond Issuance Costs |
| Miscellaneous / Rounding |
| Total Uses of Funds |


| Series 2025 |  |  |
| :---: | :---: | :---: |
| Total Sources of Funds |  |  |
| Par Amount | \$ | 6,200,000 |
| Total Uses of Funds |  |  |
| Total Project Fund Deposit | \$ | 6,085,000 |
| Estimated Bond Issuance Costs |  | 112,000 |
| Miscellaneous / Rounding |  | 3,000 |
| Total Uses of Funds | \$ | 6,200,000 |


| February |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{S}$ | $\mathbf{M}$ | $\mathbf{T}$ | $\mathbf{W}$ | $\mathbf{T}$ | $\mathbf{F}$ | $\mathbf{S}$ |
|  |  |  |  |  | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 |  |  |
|  |  |  |  |  |  |  |


| March |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{S}$ | $\mathbf{M}$ | $\mathbf{T}$ | $\mathbf{W}$ | $\mathbf{T}$ | $\mathbf{F}$ | $\mathbf{S}$ |
|  |  |  |  |  | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 |  |  |  |  |  |  |



Last day for governing body to adopt the Order calling the Bond Election.

Last day for eligible voters who are not yet registered to submit their applications for registration.

Last day to post election order, Notice of Election and contents of proposition on the issuer's website, if website is maintained.

First day for Early Voting.

Last day for Early Voting.

Election Day.

- For the purposed of financing modeling, County Officials have requested to assume Assessed Value Growth at $4.0 \%$ for the next five years; $3 \%$ growth thereafter.

| Year | History of Net <br> Assessed Values | Growth |  |
| :---: | ---: | :---: | :---: |
| 2008 | $\$ 14,012,278,948$ |  |  |
| 2009 | $\$ 14,430,534,121$ | $2.98 \%$ |  |
| 2010 | $\$ 14,872,370,434$ | $3.06 \%$ |  |
| 2011 | $\$ 15,306,314,027$ | $2.92 \%$ |  |
| 2012 | $\$ 15,982,655,182$ | $4.42 \%$ |  |
| 2013 | $\$ 16,532,997,255$ | $3.44 \%$ |  |
| 2014 | $\$ 17,200,886,809$ | $4.04 \%$ |  |
| 2015 | $\$ 18,152,597,903$ | $5.53 \%$ |  |
| 2016 | $\$ 19,281,611,864$ | $6.22 \%$ |  |
| 2017 | $\$ 20,482,085,269$ | $6.23 \%$ |  |
| 2018 | $\$ 21,735,897,694$ | $6.12 \%$ |  |
| 5 |  |  |  |
| 5-year Average Growth | $5.63 \%$ |  |  |
| 10-year Average Growth | $4.50 \%$ |  |  |

- The bond interest rates assume market interest rates as of January 8, 2019 plus a cushion as a hedge against potential upward interest rate movement between today and when the final issuance occurs in 2025.
- Series 2019 Bonds - Current rates plus a cushion of 25 basis points;
- Series 2021 Bonds - Current rates plus a cushion of 75 basis points;
- Series 2023 Bonds - Current rates plus a cushion of 125 basis points;
- Series 2025 Bonds - Current rates plus a cushion of 175 basis points.

