## PMA

SECURITIES

## CUSD 200 <br> District Debt Overview and <br> Financing Scenarios

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## New Money Scenarios

## 5 Year Non-Referendum Bond (October 2024) @ CM Rates Plus 0.5\% Estimated Proceeds: \$18 million (Graph)



## 5 Year Non-Referendum Bond (October 2024) @ CM Rates Plus 0.5\% Estimated Proceeds: \$18 million (Detail)

|  |  | Non-Referendum Bonds Debt Service |  |  |  |  |  | Referendum Bonds Debt Service |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Referendum |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | \$9,540,000 |  |  | Debt Service |  |  | \$10,555,000 |  |  |  |  |  |  |  |  |
|  |  |  | GO Limited | PROPOSED |  | Extension |  |  | Taxable GO | \$22,530,000 | \$37,705,000 |  |  |  |  |  |  |
|  |  | Prior Non- | Tax School | GO Limited |  | Base Created |  |  | Refunding | GO Refunding | GO Refunding |  | Total General | 1.0\% County |  |  |  |
| Ley | Fiscal | Referendum | Bonds, Series | Bonds, Series |  | W/1994 Lev | Remaining |  | School Bonds | School Bonds, | School Bonds, |  | Obligation Bonds | Loss/Cost Debt |  | Growth | B\&I Tax |
| Year | Year | Bonds | 2014 | 2024 (2) | Total | (1) | Margin | Prior Bonds | Series 2012 | Series 2018 | Series 2019 | Total | Debt Senice | Service | EAV | Rate | Rate |
| 2014 | 2016 | \$ 3,224,429 | \$ 286,200 | \$ | \$ 3,510,629 | \$ 3,583,462 | \$ 72,833 | \$ 14,264,378 | \$ 301,603 |  | \$ | \$ 14,565,981 | \$ 18,076,609 | \$-18,257,375 | \$ 2,661,852,832 | -1.17\% | 0.6859 |
| 2015 | 2017 | -3,228,498 | -286,200 |  | - 3,514,698 | -3,612,130 | - 97,432 | -14,799,092 | -301,603 |  |  | 15,100,695 | -18,615,393 | -18,801,547 | - 2,747,816,672 | 3.23\% | 0.6842 |
| 2016 | 2018 | -3,227,016 | -286,200 |  | - 3,513,216 | -3,637,415 | -124,198 | -15,818,150 | -301,603 |  |  | 16,119,753 | -19,632,969 | - 19,829,299 | - 2,931,877,907 | 6.70\% | 0.6763 |
| 2017 | 2019 | -3,227,399 | -286,200 |  | -3,513,599 | -3,713,800 | -200,202 | -16,493,860 | -539,299 |  |  | -17,033,159 | -20,546,757 | - 20,752,225 | -3,100,778,420 | 5.76\% | 0.6693 |
| 2018 | 2020 | -3,126,250 | 286,200 |  | -3,412,450 | -3,791,790 | -379,340 | -8,754,048 | -2,342,673 | -6,223,850 |  | -17,320,570 | -20,733,020 | - 20,940,350 | -3,251,405,897 | 4.86\% | 0.6440 |
| 2019 | 2021 |  | -2,054,275 |  | - 2,054,275 | -3,863,834 | -1,809,559 | -10,563,080 | -2,408,238 | -1,936,250 | -3,767,000 | -18,674,568 | -20,728,843 | 20,936,131 | -3,334,269,463 | 2.55\% | 0.6279 |
| 2020 | 2022 |  | -2,054,600 |  | 2,054,600 | -3,952,702 | -1,898,102 | -8,348,700 | -2,399,450 | 3,777,625 | 4,148,250 | 18,674,025 | 20,728,625 | 20,935,911 | 3,417,462,032 | 2.50\% | 0.6126 |
| 2021 | 2023 | - | 2,053,275 |  | 2,053,275 | 4,008,040 | 1,954,765 | 6,762,600 | 2,776,225 | 4,400,500 | 2,925,500 | 16,864,825 | 18,918,100 | 19,107,281 | 3,463,415,711 | 1.34\% | 0.5517 |
| 2022 | 2024 | - | 2,055,225 | - | 2,055,225 | 4,208,442 | 2,153,217 |  | 920,838 | 9,522,250 | 6,419,750 | 16,862,838 | 18,918,063 | 19,107,243 | 3,532,684,025 | 2.00\% | 0.5409 |
| 2023 | 2025 | - | 2,055,375 | - | 2,055,375 | 4,418,864 | 2,363,489 | - | - | - | 14,250,625 | 14,250,625 | 16,306,000 | 16,469,060 | 3,603,337,706 | 2.00\% | 0.4571 |
| 2024 | 2026 | - | - | 2,055,000 | 2,055,000 | 4,529,336 | 2,474,336 | - | - | - | 14,247,500 | 14,247,500 | 16,302,500 | 16,465,525 | 3,675,404,460 | 2.00\% | 0.4480 |
| 2025 | 2027 | - | - | 4,525,500 | 4,525,500 | 4,529,336 | 3,836 | - | - | - | - |  | 4,525,500 | 4,570,755 | 3,748,912,549 | 2.00\% | 0.1219 |
| 2026 | 2028 | - |  | 4,525,625 | 4,525,625 | 4,529,336 | 3,711 | - | - | - | - |  | 4,525,625 | 4,570,881 | 3,823,890,800 | 2.00\% | 0.1195 |
| 2027 | 2029 | - |  | 4,525,750 | 4,525,750 | 4,529,336 | 3,586 | - |  |  |  |  | 4,525,750 | 4,571,008 | 3,900,368,616 | 2.00\% | 0.1172 |
| 2028 | 2030 | - | - | 4,525,375 | 4,525,375 | 4,529,336 | 3,961 | - | - | - | - |  | 4,525,375 | 4,570,629 | 3,978,375,988 | 2.00\% | 0.1149 |
| 2029 | 2031 | - | - |  | - | 4,529,336 | 4,529,336 | - | - | - | - |  | - | - | 4,057,943,508 | 2.00\% | 0.0000 |
| 2030 | 2032 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 4,139,102,378 | 2.00\% | 0.0000 |
| 2031 | 2033 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 4,221,884,426 | 2.00\% | 0.0000 |
| 2032 | 2034 | - | - |  | - | 4,529,336 | 4,529,336 | - | - | - | - |  |  |  | 4,306,322,114 | 2.00\% | 0.0000 |
| 2033 | 2035 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 4,392,448,557 | 2.00\% | 0.0000 |
| 2034 | 2036 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 4,480,297,528 | 2.00\% | 0.0000 |
| 2035 | 2037 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 4,569,903,478 | 2.00\% | 0.0000 |
| 2036 | 2038 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 4,661,301,548 | 2.00\% | 0.0000 |
| 2037 | 2039 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 4,754,527,579 | 2.00\% | 0.0000 |
| 2038 | 2040 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 4,849,618,130 | 2.00\% | 0.0000 |
| 2039 | 2041 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 4,946,610,493 | 2.00\% | 0.0000 |
| 2040 | 2042 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 5,045,542,703 | 2.00\% | 0.0000 |
| 2041 | 2043 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 5,146,453,557 | 2.00\% | 0.0000 |
| 2042 | 2044 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 5,249,382,628 | 2.00\% | 0.0000 |
| 2043 | 2045 | - | - | - | - | 4,529,336 | 4,529,336 | - | - | - | - | - | - | - | 5,354,370,281 | 2.00\% | 0.0000 |
| Total | S From |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Curr | nt FY: | \$ - | \$ 6,163,875 | \$ 20,157,250 | \$ 26,321,125 |  |  | \$ 6,762,600 | \$ 3,697,063 | \$ 13,922,750 | \$ 37,843,375 | \$ 62,225,788 | \$ 88,546,913 | \$ 89,432,382 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Non-Referendum Bonds Debt Service
Non
Referendum
\$9,540,000
GO Limited
Prior Non- Tax School

Referendum Bonds Debt Service

[^0]The applicable CPI increase has been applied to lew years 2009-2023, and assumed to be $2.5 \%$ in 2024 and $0.0 \%$ per year thereafter.
If the District issues non-referendum bonds with debt service structured assuming a growing DSEB, it will need to pass resolutions, perhaps annually, to capture the additional DSEB levy available from CPI growth.
If the CPI growth is less than estimated on average, the District will have to pay debt service in excess of the DSEB from funds on hand
NOTE: Scenarios where a greater portion of the overall debt is issued in advance of the expenditures of the proceeds will likely result in higher fees earned by the investment manager of the debt proceeds.

## 10 Year Non-Referendum Bond (October 2024) @ CM Rates Plus 0.5\% Estimated Proceeds: \$35 million (Graph)



# 10 Year Non-Referendum Bond (October 2024) @ CM Rates Plus 0.5\% Estimated Proceeds: \$35 million (Detail) 



## Debt Certificate Matrix

## Operating Borrowing

Amount Dedicated to

| Annual Debt Service: | \$1,000,000 | \$2,000,000 | \$3,000,000 | \$4,000,000 |
| :---: | :---: | :---: | :---: | :---: |
|  | Estimated Proceeds ${ }^{(1)}$ | Estimated <br> Proceeds ${ }^{(1)}$ | Estimated <br> Proceeds ${ }^{(1)}$ | Estimated <br> Proceeds ${ }^{(1)}$ |
| 10 Year Final Maturity | \$8,130,000 | \$16,260,000 | \$24,390,000 | \$32,520,000 |
| 15 Year Final Maturity | \$10,820,000 | \$21,640,000 | \$32,460,000 | \$43,280,000 |
| 20 Year Final Maturity | \$12,805,000 | \$25,605,000 | \$38,410,000 | \$51,215,000 |

(1) Current market rates plus $0.50 \%$ assumed to be $3.55 \%, 4.10 \%$ and $4.45 \%$ depending upon length of maturity. COI estimated to be $2.0 \%$ of par.

## Referendum Matrix

## Referendum Borrowing Matrix

## Existing LY 2021 Bond Levy: <br> Existing LY 2021 Median Payment (2) <br> \$637

|  | \$50,000,000 | \$75,000,000 | \$100,000,000 |
| :---: | :---: | :---: | :---: |
| Term | Estimated Annual Bond Levy (1) / Median LY 2025 Impact (2) |  |  |
| 10 Year Final Maturity | \$6,950,590 | \$10,425,886 | \$13,901,181 |
|  | \$216 | \$324 | \$432 |
| 15 Year Final Maturity | \$5,064,790 | \$7,597,185 | \$10,129,580 |
|  | \$158 | \$236 | \$315 |
| 20 Year Final Maturity | \$4,234,649 | \$6,351,973 | \$8,469,297 |
|  | \$132 | \$198 | \$263 |

(1) Current market rates plus $0.50 \%$ as of February 16, 2023 assumed to be $3.45 \%, 4.00 \%$ and $4.35 \%$ depending upon length of maturity.
(2) Actual tax rates and payments may vary based on EAV growth, individual home reassessment, State Law changes, property tax rate initiatives and other factors.
Assumes median home value of $\$ 370,400$ and includes $\$ 8,000$ homeowner exemption.
NOTE: Scenarios where a greater portion of the overall debt is issued in advance of the expenditures of the proceeds will likely result in higher fees earned by the investment manager of the debt proceeds.

## Market Update

## Interest Rates* Since Jan. 2003

The 10yr MMD 20-year average is $2.57 \%$ (see red line below).

*The Municipal Market Data "MMD" is a AAA municipal bond market index produced by TM3. As of February 15, 2023.

## Interest Rates* Since Jan. 2020



## 10yr MMD vs 10yr Treasury


*The Municipal Market Data "MMD" is a AAA municipal bond market index produced by TM3. As of January 18, 2023.

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## Appendix A: <br> Outstanding Debt Service

## Overall Debt Service


(1) Pursuant to Public Act 96-0501, the District's DSEB will increase by the lesser of CPI or $5 \%$ each year starting with levy year 2009. The applicable CPI increase has been applied to levy years 2009-2023, and assumed to be $0.0 \%$ per year thereafter.

## Debt Service Extension Base




[^0]:    (1) Pursuant to Public Act 96-0501, the District's DSEB will increase by the lesser of CPI or 5\% each year starting with lewy year 2009.

