# FINANCIAL ADVISORY 

Lori Lombard
Vice President
Municipal Finance
(8Eastern Bank

## Tax Impact

- Tax impact schedules demonstrate the total impact of a project on the average home within the community including short-term and existing debt.

| 20 YEARS PERMANENT BOND (Assumes Bonding in Fiscal year 2017 and Equal Principal Payments) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal <br> Year | Outstanding Principal | Principal | Interest $4.00 \%$ | Debt Service | $\begin{aligned} & \text { Town A } \\ & \underline{18.0400 \%} \end{aligned}$ | Impact (1) | Average <br> Annual <br> Impact (1) | $\begin{aligned} & \text { Town B } \\ & \underline{81.9600 \%} \\ & \hline \end{aligned}$ | Impact (2) | Average <br> Annual <br> Impact (2) |
| 2018 | 1,700,000 | 85,000 | 68,000 | 153,000 | 27,601 | 0.150 | 35.40 | 125,399 | 0.231 | 53.99 |
| 2019 | 1,615,000 | 85,000 | 64,600 | 149,600 | 26,988 | 0.146 | 34.61 | 122,612 | 0.226 | 52.79 |
| 2020 | 1,530,000 | 85,000 | 61,200 | 146,200 | 26,374 | 0.143 | 33.82 | 119,826 | 0.221 | 51.59 |
| 2021 | 1,445,000 | 85,000 | 57,800 | 142,800 | 25,761 | 0.140 | 33.04 | 117,039 | 0.216 | 50.39 |
| 2022 | 1,360,000 | 85,000 | 54,400 | 139,400 | 25,148 | 0.136 | 32.25 | 114,252 | 0.210 | 49.19 |
| 2023 | 1,275,000 | 85,000 | 51,000 | 136,000 | 24,534 | 0.133 | 31.47 | 111,466 | 0.205 | 47.99 |
| 2024 | 1,190,000 | 85,000 | 47,600 | 132,600 | 23,921 | 0.130 | 30.68 | 108,679 | 0.200 | 46.79 |
| 2025 | 1,105,000 | 85,000 | 44,200 | 129,200 | 23,308 | 0.126 | 29.89 | 105,892 | 0.195 | 45.59 |
| 2026 | 1,020,000 | 85,000 | 40,800 | 125,800 | 22,694 | 0.123 | 29.11 | 103,106 | 0.190 | 44.39 |
| 2027 | 935,000 | 85,000 | 37,400 | 122,400 | 22,081 | 0.120 | 28.32 | 100,319 | 0.185 | 43.19 |
| 2028 | 850,000 | 85,000 | 34,000 | 119,000 | 21,468 | 0.116 | 27.53 | 97,532 | 0.180 | 41.99 |
| 2029 | 765,000 | 85,000 | 30,600 | 115,600 | 20,854 | 0.113 | 26.75 | 94,746 | 0.175 | 40.79 |
| 2030 | 680,000 | 85,000 | 27,200 | 112,200 | 20,241 | 0.110 | 25.96 | 91,959 | 0.169 | 39.59 |
| 2031 | 595,000 | 85,000 | 23,800 | 108,800 | 19,628 | 0.106 | 25.17 | 89,172 | 0.164 | 38.39 |
| 2032 | 510,000 | 85,000 | 20,400 | 105,400 | 19,014 | 0.103 | 24.39 | 86,386 | 0.159 | 37.19 |
| 2033 | 425,000 | 85,000 | 17,000 | 102,000 | 18,401 | 0.100 | 23.60 | 83,599 | 0.154 | 35.99 |
| 2034 | 340,000 | 85,000 | 13,600 | 98,600 | 17,787 | 0.096 | 22.81 | 80,813 | 0.149 | 34.79 |
| 2035 | 255,000 | 85,000 | 10,200 | 95,200 | 17,174 | 0.093 | 22.03 | 78,026 | 0.144 | 33.59 |
| 2036 | 170,000 | 85,000 | 6,800 | 91,800 | 16,561 | 0.090 | 21.24 | 75,239 | 0.139 | 32.39 |
| 2037 | 85,000 | 85,000 | 3,400 | 88,400 | 15,947 | 0.086 | 20.45 | 72,453 | 0.133 | 31.19 |
|  |  | 1,700,000 | 714,000 | 2,414,000 | 435,486 |  |  | 1,978,514 |  |  |

[^0](2) Based on 2017 Assessed Valuation of $\$ 542,840,725$. Based on Median Home Value of $\$ 233,700$.

## Role of Bond Counsel

- Drafts articles and votes
- Approves legality of bonds and notes
- Advise on tax-exempt status of issue
- Consults with the parties to each transaction
- Render an opinion as to the validity of the bonds or notes


## Authorization of Debt

- "VOTED: That for the purpose of paying costs of designing and constructing $\qquad$ including the payment of all other costs incidental and related thereto, there be and hereby is authorized, under and pursuant to Chapter 71, Section 16(d), of the General Laws and the District Agreement, as amended, the incurring of debt on the full faith and credit of the District by the issuance and sale at one time or from time to time of bonds or notes in an aggregate principal amount of $\$ 500,000$. Any premium received by the District upon the sale of any bonds or notes approved by this vote, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to the payment of costs approved by this vote in accordance with Chapter 44, Section 20 of the General Laws, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount


## Notice to Incur Debt

- Within seven (7) days from the date on which the vote is adopted the Secretary of the District notifies the Board of Selectmen of each of the member towns as to the amount and general purposes of the debt authorized, as required by Chapter 71, Section 16(d), of the General Laws, and by the District Agreement.
- The District cannot incur any debt until the expiration of 60 days after the date on which the debt was voted. Within the 60 day period, the member towns may hold a town meeting and if they disapprove the debt, the debt cannot be issued.


## Preliminary Legal Opinion

- If the District vote is $\$ 500,000$ or more, a Preliminary Legal Opinion is required from a recognized bond counsel. In addition, the following information may be provided:
- Certified copies of District bylaws and vote;
- District secretary certification;
- Copies of proposed leases or arrangements with private parties for use of the project;
- MSBA Project Funding Agreement
- Certificates from member towns
- Additional town meeting votes


## Financial Documents

- Audited Financial Statements
- Unaudited Balance Sheet and Revenues and Expenditures
- Member Town Financial Statements
(\%Eastern Bank


# Borrowing Flowchart 

## MUNICIPALITY AUTHORIZES DEBT

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Bond Counsel Requirements Letter Initiated
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Small Issuer Exemption: Less than $\$ 5 \mathrm{M}$ in Calendar Year -School Construction
Less than $\$ 15 \mathrm{M}$ in Calendar Yr $\bullet$ Extends spending to 3 years
$\square$

## Arbitrage Considerations - Spending



Cash Flow Needs Reviewed

## Construction Projects:

- $10 \%$ within 6 months
$\cdot 45 \%$ within one year
- $75 \%$ within 18 months
-100\% within two years

Rebate Required: - Maintain borrowed proceeds in separate account

- Hire rebate specialist
- Rebate Calculations



## Official Statements

## Rating:

FINAL OFFICIAL STATEMENT DATED AUGUST 23, 2016
NEW ISSUE
In the opinion of Locke Lord LLP, Bond Counsel, based upon an analysis of existing law and assuming, among other matters, compliance with certain covenants, interest on the Bonds is excluded from gross income for federal income tax purposes under the Internal Revenue Code of 1986 (the "Code"). Interest on the Bonds is not a specific preference item for purposes of the federal individual or
corporate alternative minimum taxes, although such interest is included in adjusted current earnings when calculating corporate alternative corporate alternative minimum taxes, although such interest is included in adjusted current earnings when calculating corporate alternative
minimum taxable income. Under existing law, interest on the Bonds is exempt from Massachusetts personal income taxes, and the Bonds are exempt from Massachusetts personal property taxes. Bond Counsel expresses no opinion regarding any other tax consequences related to the ownership or disposition of, or the accrual or receipt of interest on, the Bonds. The Bonds will be designated as "qualified taxexempt obligations" for purposes of Section 265(b)(3) of the Code. See "Tax Exemption" herein.
\$ 7,805,000
District, Massachusetts
General Obligation School Bonds
Unlimited Tax
Dated: August 31, 2016
below)
Due: (As shown

| MATURITIES, AMOUNTS, RATES, YIELDS AND CUSIP NUMBERS |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Due: | Principal |  |  | CUSIP | Due: |  | Principal |  |  | CUSIP |
| June 1 | Amount | Rate | Yield | 846032 | June 1 |  | Amount | Rate | Yield | $\underline{846032}$ |
| 2017 | \$235,000 | 2.000\% | 0.550\% | CA6 | 2028 |  | \$360,000 | 2.000\% | 1.800\% | cm0 |
| 2018 | 265,000 | 4.000 | 0.660 | CB4 | 2029 | ..... | 370,000 | 2.000 | 1.900 | CN8 |
| 2019 | 275,000 | 4.000 | 0.740 | CC2 | 2030 | ........ | 375,000 | 2.250 | 2.000 | CP3 |
| 2020 | 285,000 | 4.000 | 0.830 | CD0 | 2031 |  | 385,000 | 2.250 | 2.100 | CQ1 |
| 2021 | 295,000 | 4.000 | 0.970 | CE8 | 2032 |  | 390,000 | 2.250 | 2.250 | CR9 |
| 2022 | 310,000 | 4.000 | 1.150 | CF5 | 2033 |  | 400,000 | 2.500 | 2.300 | CS7 |
| 2023 | 320,000 | 4.000 | 1.200 | CG3 | 2034 |  | 410,000 | 2.500 | 2.350 | CT5 |
| 2024 | 335,000 | 2.000 | 1.350 | CHI | 2035 | ........ | 420,000 | 2.750 | 2.400 | CU2 |
| 2025 | 340,000 | 2.000 | 1.450 | CJ7 | 2036 | ....... | 435,000 | 2.750 | 2.450 | cvo |
| 2026 | 345,000 | 2.000 | 1.600 | CK4 | 2037 |  | 445,000 | 2.750 | 2.500 | CW8 |
| 2027 | 355,000 | 2.000 | 1.700 | CL2 | 2038 |  | 455,000 | 2.750 | 2.550 | CX6 |

The provisions of the accompanying documents entitled "NOTICE OF SALE AND PRELIMINARY OFFICIAL STATEMENT, DATED AUGUST 15,2016 " as supplemented and modified hereby, are incorporated in and made a part of his FINAL OFFICIAL STATEMENT

Principal of the Bonds will be payable on June 1 of the years in which the Bonds mature. Interest will be payable on December 1, 2016 and semi-annually thereafter on each June 1 and December 1 . The Bonds maturing on and before June 1 , 2026 are not subject to redemption prior to their stated dates of maturity. Bonds maturing after June 1,2026 are subject to redemption in accordance with the terms described herein

The Bonds will be issued by means of a book-entry system, evidencing ownership of the Bonds in principal amounts of $\$ 5,000$ or integral multiples thereof, with transfers of ownership effected on the records of The Depository Trust Company, New York, New York, ("DTC"), and its participants pursuant to rules and procedures adopted by DTC participants. No physical distribution of the Bonds will be made to the public. One certificate for each maturity of the Bonds will be issued to DTC, and immobilized in its custody.

The Bonds will be approved by Locke Lord LLP, Boston, Massachusetts, Bond Counsel to the District. It is expected that the Bonds, in definitive form, will be delivered to DTC, or its custodial agent, on or about August 31, 2016 against payment in Federal Reserve Funds.

- Notice of Sale
- Details of the Sale
- Preliminary Official Statement
- Description of the Issuer
- Regional Agreement
- Facilities and Enrollments
- Indebtedness
- Property Tax Limitation
- Financial
- Member Town Information
- Final Official Statement
- Pricing Information


## Working Group



## (》Eastern Bank


[^0]:    (1) Based on 2017 Assessed Valuation of $\$ 184,485,525$. Based on Median Home Value of $\$ 236,600$.

