S&P Global Ratings

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Summary:

Boxford, Massachusetts; General Obligation

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Credit Profile

US\$3,565 mil GO mun purp loan of 2019 bnds due 08/01/2044

Long Term Rating

AAA/Stable

New

Boxford GO

Long Term Rating

AAA/Stable

Affirmed

Rationale

S&P Global Ratings assigned its 'AAA' long-term rating to the Town of Boxford, Mass.' general obligation (GO) municipal purpose loan of 2019 bonds. S&P Global Ratings also affirmed its 'AAA' long-term rating on the town's GO debt outstanding. The outlook is stable.

Security and the use of bond proceeds

We rate Boxford higher than the sovereign because we believe the town can maintain better credit characteristics than the U.S. in a stress scenario, due to its predominantly locally derived revenue base and our view that pledged revenue supporting debt service on the bonds is at limited risk of negative sovereign intervention. In 2018, local property taxes generated 82% of general fund revenue, demonstrating a lack of dependence on central government revenue. (See "Ratings Above The Sovereign: Corporate And Government Ratings—Methodology And Assumptions," published Nov. 19, 2013.)

Proceeds of the bonds will be used for various capital projects, including recreational field construction, school roof and window replacements, and restoration design of a historic house.

The town's full faith and credit pledge secures the bonds, subject to the limits of Proposition 2 1/2, and is therefore a limited-tax GO. We rate the limited tax based on the application of our "Issue Credit Ratings Linked To U.S. Public Finance Obligors' Creditworthiness," criteria (published Nov. 20, 2019). The town has the power to levy ad valorem taxes on all the property within their respective territorial limits, subject to the limits of Proposition 2 1/2. However, due to Boxford's revenue-raising ability, we have not made a rating distinction between the limited and unlimited nature of the pledge. A portion of the town's existing GO debt is excluded from the limits of Proposition 2 1/2.

Credit summary

We view Boxford as a desirable, affluent community with a strong economy, supported by a wealthy property tax base and high household incomes, with access to the Boston metropolitan statistical area (MSA). In our opinion, these factors, along with stable financial operations and strong management, including comprehensive policies and practices, support the 'AAA' rating. Although we think long-term retirement liabilities and costs could pressure the budget, we expect Boxford will likely manage these costs prudently.

The rating further reflects our opinion of Boxford's:

- · Very strong economy, with access to a broad and diverse metropolitan statistical area (MSA);
- Strong management, with good financial policies and practices under our Financial Management Assessment (FMA) methodology;
- · Strong budgetary performance, with slight operating surpluses in the general fund and at the total governmental fund level in fiscal 2018;
- · Very strong budgetary flexibility, with an available fund balance in fiscal 2018 of 18% of operating expenditures, and an ability and willingness to raise taxes when needed;
- · Very strong liquidity, with total government available cash at 23.0% of total governmental fund expenditures and 7.0x governmental debt service, and access to external liquidity we consider strong;
- · Very strong debt and contingent liability profile, with debt service carrying charges at 3.3% of expenditures and net direct debt that is 21.8% of total governmental fund revenue, as well as low overall net debt at less than 3.0% of market value and rapid amortization, with 84.6% of debt scheduled to be retired in 10 years; and
- · Strong institutional framework score.

Very strong economy

We consider Boxford's economy very strong. The town, with an estimated population of 8,304, is located in Essex County in the Boston-Cambridge-Newton MSA, which we consider to be broad and diverse. The town has a projected per capita effective buying income of 197% of the national level and per capita market value of \$219,596. Overall, the town's market value grew by 3.4% in 2018 to \$1.8 billion in 2019. The county unemployment rate was 3.4% in 2018.

Boxford is a bedroom community north of Boston and primarily residential in nature with 98% of its assessed value (AV) related to such properties. The principal highway serving the town is Interstate Route 95, which connects to interstates 495 and 93. Boxford residents are able to access employment opportunities in the corridor associated with these highways, as well as within the city of Boston via public transportation available in neighboring towns. The largest employers in the town are summer seasonal businesses followed by small stores and service providers.

Economic expansion continues, particularly in the way of residential renovation and development; officials indicate that these developments will lead to almost \$1 million in new tax revenue growth. The 10 leading taxpayers account for 3.2% of the tax base, indicating a diverse tax base. In our opinion, we believe Boxford will continue to see modest growth in the tax base over time, and this, combined with a low tax rate and very strong tax collection rates at 99%, will contribute to ongoing revenue stability for the town, particularly as it absorbs higher debt, pension and other postemployment benefit (OPEB) costs.

Strong management

We view the town's management as strong, with good financial policies and practices under our FMA methodology, indicating financial practices exist in most areas, but that governance officials might not formalize or monitor all of them on a regular basis.

Town management is generally conservative in their revenue and expenditure assumptions, which are rooted in historical trends, current budgetary needs, and based on long-term financial projections. Boxford annually updates a three-year, long-term financial projection for revenues and expenditures, as well as a five-year capital improvement

program. The town has formally adopted state investment guidelines with formal reporting on a monthly, quarterly, and annual basis for holdings and performance. Boxford officials also maintain debt management and reserve and liquidity policies; long-term debt should not exceed the useful life of the project, and debt service carrying charges should range from 3%-15% of the operating budget, no greater than 1.25% of the previous years' AV, and \$1,750 per capita. As for the town's reserve policy, Boxford must maintain free cash at 5% of previous years' operating budget to ensure health cash flows throughout the year, and its stabilization fund at a minimum of 3% of previous years' operating budget. The town is compliant with its free cash policy at present, but not its stabilization fund policy (currently 2.5%).

Strong budgetary performance

Boxford's budgetary performance is strong in our opinion. The town had slight operating surpluses of 0.6% of expenditures in the general fund and of 1.2% across all governmental funds in fiscal 2018. General fund operating results of the town have been stable over the last three years, with a result of negative 0.6% in 2017 and a result of 1.0% in 2016.

Our calculation of the town's performance includes adjustments for recurring transfers and capital spending paid for with bond proceeds.

Town management is generally conservative in its revenue and expenditure assumptions, which has led to favorable budgetary variances at year-end. Also, management was able to achieve a voter-approved operating override of \$197,318 for fiscal 2018, which was used to support their capital projects. Management indicated that Boxford could seek another operating override in the near future dependent on the cost of their future capital projects. For fiscal 2019, management indicated that budget-to-actuals are on target and unaudited results show revenues coming in about 13% over budget. While this is primarily due to conservative budgeting, officials also indicated that during the year they received one-time, unbudgeted revenues of \$127,000 from Federal Emergency Management Agency and \$430,000 for the sale of a tax foreclosure property. The town adopted a \$35.2 million general fund budget for fiscal 2020, which is a 2.9% increase over 2019. Officials indicate that there are no structural changes to his budget relative to previous years.

Boxford's leading revenue sources are property taxes, intergovernmental aid, and excise taxes, which account for 82%, 10.2%, and 4.7% of revenues, respectively. Tax collections are very strong, in our opinion, with the town collecting greater than 99% of the current levy over the past five fiscal years.

We expect the town's budgetary performance will remain strong given management's demonstrated history of conservative budgeting, which has contributed break-even general fund operations, an ability to achieve operating overrides of Proposition 2 1/2 to support rising expenditures, and a stable and consistent primary revenue source in property taxes. We also do not expect a deterioration in the town's total governmental fund performance as the general fund comprises 91% total funds.

Very strong budgetary flexibility

Boxford's budgetary flexibility is very strong, in our view, with an available fund balance in fiscal 2018 of 18% of operating expenditures, or \$6.1 million. Over the past three years, the total available fund balance has remained at a consistent level overall, totaling 17% of expenditures in 2017 and 18% in 2016. In addition, the town has an ability and willingness to raise taxes when needed, which we view as a positive credit factor.

The town has maintained available reserves above 15% of general fund expenditures over the past three fiscal years and management has no plans to spend down at this time. In fiscal years 2016, 2017, and 2018, management achieved operating overrides of \$605,129, \$153,000, and \$197,318, respectively, under Proposition 2 1/2 to support rising expenditures. Management also maintains a reserve policy to keep stabilization reserves at a minimum of 3% of the previous year's operating budget, as well as a policy to hold unused tax levy capacity at 1.5% of the previous year's tax levy. Unused levy capacity for fiscal 2019 was approximately \$1.5 million, which is 5.3% of the previous year's tax levy. Stabilization reserves are at about 2.5% of the previous year's operating budget, which is not in line with Boxford's policy. However, we expect the town will maintain very strong available reserves over the next two years given management's general fund surplus projections for fiscal 2019, and the balanced budget adopted for fiscal 2020.

Very strong liquidity

In our opinion, Boxford's liquidity is very strong, with total government available cash at 23.0% of total governmental fund expenditures and 7.0x governmental debt service in 2018. In our view, the town has strong access to external liquidity if necessary.

The town's investments consist of bank certificates, certificates of deposit, corporate bonds, marketable securities, and U.S. Treasury securities. We believe the town's strong access to external liquidity is supported by its frequent debt issuances including GO bonds and bond anticipation notes. The town has consistently maintained very strong liquidity and we do not expect a change to these ratios.

Very strong debt and contingent liability profile

In our view, Boxford's debt and contingent liability profile is very strong. Total governmental fund debt service is 3.3% of total governmental fund expenditures, and net direct debt is 21.8% of total governmental fund revenue. Overall net debt is low at 0.6% of market value, and approximately 84.6% of the direct debt is scheduled to be repaid within 10 years, which are in our view positive credit factors.

After this issue, the town has about \$8.3 million of total direct debt. Boxford has preliminary plans to issue debt over the next two-to-three years for various capital projects including renovations to the town hall library and repaving the elementary school parking lot. The amounts for these projects have not yet been finalized.

Pension and other postemployment benefits

- · We do not view pension and OPEB liabilities as an immediate source of credit pressure for Boxford, despite lower funding levels and our expectations that costs will increase.
- · Because the town's pension actuarially determined contribution is built from what we view as weak assumptions and methodologies, we believe it increases the risk of unexpected contribution escalations. However, we anticipate higher contributions will likely remain affordable given the strength of the town's revenue base.
- · Furthermore, OPEB liabilities are generally funded on a pay-as-you-go basis that, given claims volatility, as well as medical cost and demographic trends, is likely to lead to escalating costs. The town, however, has established a trust and has begun pre-funding the liability.

Boxford participates in the following plan as of June 30, 2017:

- Essex County Retirement System: 55.4% funded with a proportionate share of the net pension liability of \$13.9 million.
- · A single-employer, defined-benefit health care plan covering eligible retirees: 17.06% funded, with a net OPEB liability of about \$10.6 million.

This liability is based on an assumed rate of return of 7.5% which we consider elevated. Because of the funded ratio and aggressive discount rate, we believe contributions will continue to rise over the next few fiscal years. Boxford's combined required pension and actual OPEB contributions totaled 5.4% of total governmental fund expenditures in 2018. Of that amount, 3.1% represented required contributions to pension obligations, and 2.6% represented OPEB payments. The town has established a trust and has begun pre-funding the OPEB liability. Boxford's OPEB trust currently has a balance of \$3.01 million. While the practice of pre-funding the OPEB liability is positive, the town's large and growing pension and OPEB liabilities could pressure the budget in the long term.

Strong institutional framework

The institutional framework score for Massachusetts municipalities is strong.

Outlook

The stable outlook reflects S&P Global Ratings' opinion of Boxford's strong management and very strong economy due to high wealth and incomes and location within the Boston MSA. We do not expect to raise or lower the rating within the next two years because we believe the town will likely maintain what we consider very strong reserves and a balanced budgetary performance.

We believe management will continue to manage the rising fixed costs associated with its pension and OPEB obligations. While unlikely at this time, a prolonged deterioration in budgetary performance or significantly weakened available reserve position could result in a negative rating action.

Related Research

- S&P Public Finance Local GO Criteria: How We Adjust Data For Analytic Consistency, Sept. 12, 2013
- · Criteria Guidance: Assessing U.S. Public Finance Pension And Other Postemployment Obligations For GO Debt, Local Government GO Ratings, And State Ratings, Oct. 7, 2019
- 2019 Update Of Institutional Framework For U.S. Local Governments

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S&P Global Ratings

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November 26, 2019

Boxford
7A Spofford Road - 1st floor
P.O. Box 56
Boxford, MA 01921
Attention: Ms. Ellen S. Guerin, Treasurer/Collector of Taxes

Re: US\$3,565,000 Town of Boxford, Massachusetts, General Obligation Municipal Purpose Loan Of 2019 Bonds, dated: Date of delivery, due: August 01, 2044

Dear Ms. Guerin:

Pursuant to your request for an S&P Global Ratings rating on the above-referenced obligations, S&P Global Ratings has assigned a rating of "AAA". S&P Global Ratings views the outlook for this rating as stable. A copy of the rationale supporting the rating is enclosed.

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