



Vermont
Bond Bank



WINTER 2025 APPLICATION WEBINAR
NOVEMBER 4, 2024

Bond Bank Programs

Pooled Loan Program

- Provides access to financing for:
 - Towns, cities, counties, incorporated villages
 - Special Districts (water, fire, solid waste, etc.)
 - School Districts
 - Essentially any type of government institution
- For any type of physical infrastructure:
 - Roads, bridges, sidewalks, streetscapes
 - Water, sewer, stormwater
 - Buildings
 - Energy efficiency projects
 - Equipment
 - Refinance FEMA, USDA, etc. debt



State Revolving Funds

- Conducts financial underwriting on all loans
- Manages billing, payments and disbursements, in conjunction with M&T Bank
- Owner of loan agreements

Other Programs

- Flexible Loan Fund
- Energy Projects (EEREP)
- Flood Recovery (MCRF)
- Small Water System Capacity & Resiliency (SCRIP)

Support / Technical Assistance

- Capital Planning
- Debt Capacity

Pooled Loan Program Highlights

Advantages

- Bond Bank maintains AA+ rating with low interest rates passed along to borrowers
- Bond Bank provides technical expertise in organizing, structuring and pricing bonds
- Economies of scale in accessing the capital markets = equitable, low-cost access
- No upfront or on-going fees
- Streamlined process from application to receipt of funds
- Active market monitoring for refinancing opportunities with savings passed on to borrowers
- Term of financing and amortization will always match (i.e. no "put" or balloon maturity)
- No on-going risk of "catch-up" payments should tax rates change (investors not borrowers own tax risk)

Considerations

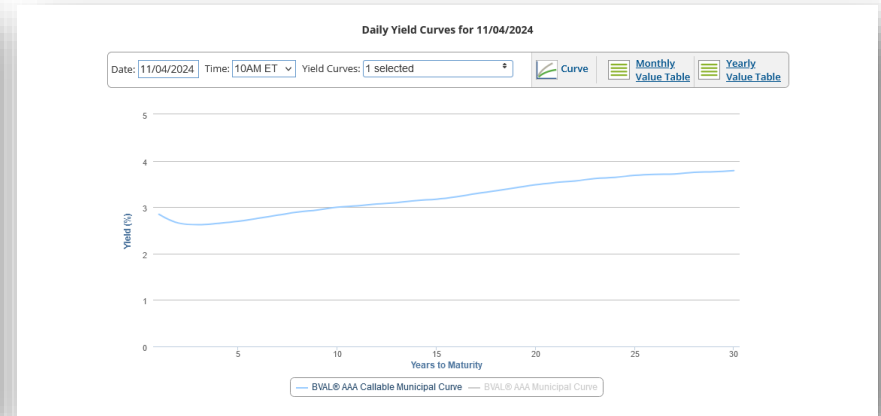
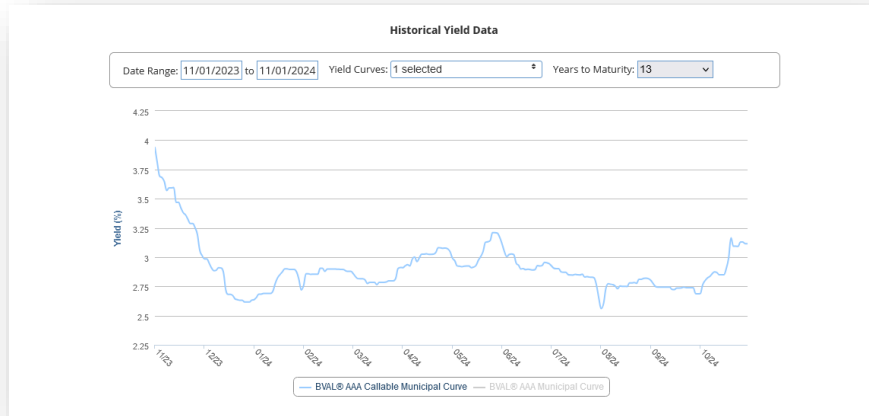
- Must comply with rules for tax-exempt financed (like all tax-exempt loans)
- Availability of funding subject to Bond Bank schedule (typically winter and summer pools)
- Refinancing of redemption subject to Bond Bank approval
- Semi-annual payment of interest on May 1st and November 1st
- Annual payment of principal on November 1st
- Funds must be requisitioned from the Disbursement Agent (typically arrive in < 24 hours)

Term of financing and useful life of asset financed must align

Loan Terms

	Description	Notes
Loan Amount	Up to 100% financing of project costs	No loan limits but the overall debt capacity of the borrower will be evaluated during underwriting.
Interest Rate	Market rate based on the Bond Bank's "AA+" rating	The Bond Bank issues bonds to fund loans, which will establish the loan rate. Rates are "locked-in" on the date the bonds are priced.
Loan Term / Amortization	<ul style="list-style-type: none">• Must match useful life of asset(s) financed up to 30 years• Applicants may request up to 5 years interest only	Requested term will be reviewed by local bond counsel to ensure statutory compliance. Municipal and school district loans may have level or declining principal payments. Utilities and other qualifying local bonds may have level debt service payments.
Payment Dates	Payments are due semi-annually on May 1st (interest only) and November 1st (interest and principal)	Our bond trustee, US Bank, invoices 45 days prior to payment dates. Borrowers retain the responsibility to make payments with or without invoices.
Underwriting / Credit Review	We will review timing of supporting revenue vs debt service, financial statements, and local economic condition	
Fees	No fees are charged associated with applying receiving loans through the Bond Bank	

Market Update

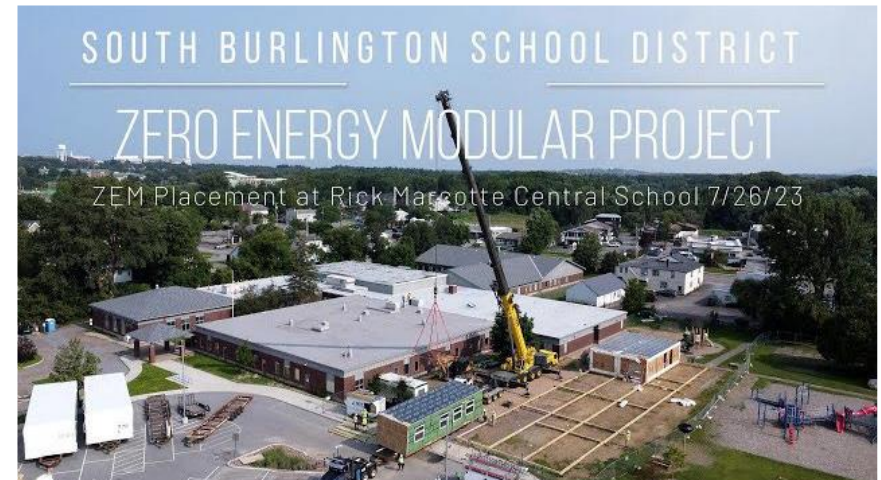


Current Bond Bank Rate Assumptions

10 Year: 2.87%

20 Year: 3.55%

30 Year: 3.91%



Illustrative Schedule – 10 yrs w/ 0 yr def pri

DEBT SERVICE SCHEDULE					ANNUAL DEBT SERVICE SCHEDULE			
Loan Payment	Principal	Interest	Series D/S			Principal	Interest	Series D/S
	1,000,000	150,885	1,150,885			1,000,000	150,885	1,150,885
5/1/2025	0	7,185	7,185		6/30/2024	0	0	0
11/1/2025	100,000	14,370	114,370		6/30/2025	0	7,185	7,185
5/1/2026	0	12,933	12,933		6/30/2026	100,000	27,303	127,303
11/1/2026	100,000	12,933	112,933		6/30/2027	100,000	24,429	124,429
5/1/2027	0	11,496	11,496		6/30/2028	100,000	21,555	121,555
11/1/2027	100,000	11,496	111,496		6/30/2029	100,000	18,681	118,681
5/1/2028	0	10,059	10,059		6/30/2030	100,000	15,807	115,807
11/1/2028	100,000	10,059	110,059		6/30/2031	100,000	12,933	112,933
5/1/2029	0	8,622	8,622		6/30/2032	100,000	10,059	110,059
11/1/2029	100,000	8,622	108,622		6/30/2033	100,000	7,185	107,185
5/1/2030	0	7,185	7,185		6/30/2034	100,000	4,311	104,311
11/1/2030	100,000	7,185	107,185		6/30/2035	100,000	1,437	101,437
5/1/2031	0	5,748	5,748		6/30/2036	0	0	0
11/1/2031	100,000	5,748	105,748		6/30/2037	0	0	0
5/1/2032	0	4,311	4,311		6/30/2038	0	0	0
11/1/2032	100,000	4,311	104,311		6/30/2039	0	0	0
5/1/2033	0	2,874	2,874		6/30/2040	0	0	0
11/1/2033	100,000	2,874	102,874		6/30/2041	0	0	0
5/1/2034	0	1,437	1,437		6/30/2042	0	0	0
11/1/2034	100,000	1,437	101,437		6/30/2043	0	0	0

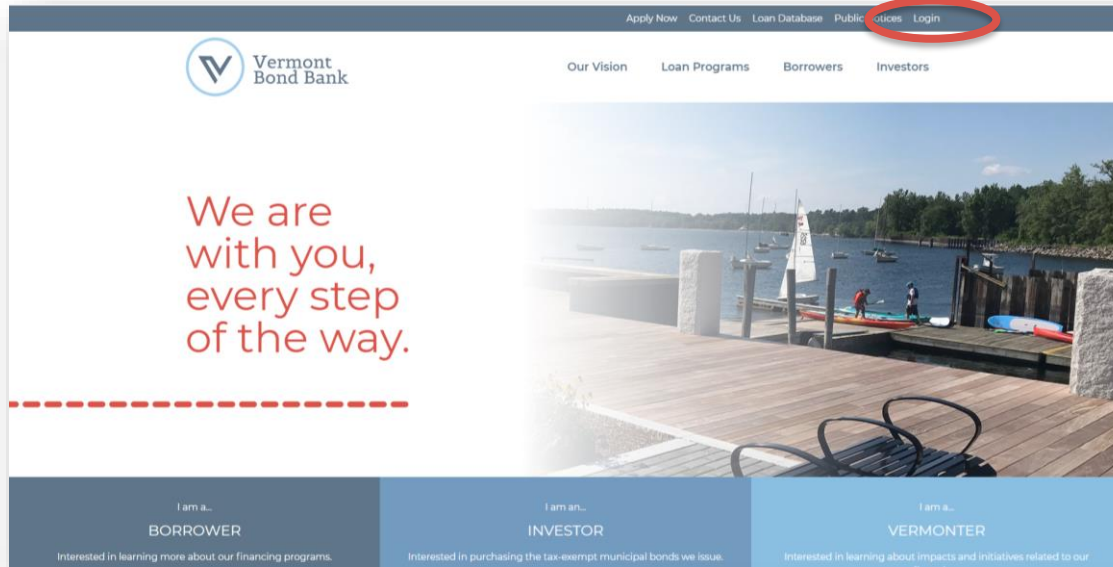
Illustrative Schedule – 10 yrs w/ 1 yr def pri

DEBT SERVICE SCHEDULE					ANNUAL DEBT SERVICE SCHEDULE			
Loan Payment	Principal	Interest	Series D/S			Principal	Interest	Series D/S
	1,000,000	188,063	1,188,063			1,000,000	188,063	1,188,063
5/1/2025	0	7,523	7,523		6/30/2024	0	0	0
11/1/2025	0	15,045	15,045		6/30/2025	0	7,523	7,523
5/1/2026	0	15,045	15,045		6/30/2026	0	30,090	30,090
11/1/2026	100,000	15,045	115,045		6/30/2027	100,000	28,586	128,586
5/1/2027	0	13,541	13,541		6/30/2028	100,000	25,577	125,577
11/1/2027	100,000	13,541	113,541		6/30/2029	100,000	22,568	122,568
5/1/2028	0	12,036	12,036		6/30/2030	100,000	19,559	119,559
11/1/2028	100,000	12,036	112,036		6/30/2031	100,000	16,550	116,550
5/1/2029	0	10,532	10,532		6/30/2032	100,000	13,541	113,541
11/1/2029	100,000	10,532	110,532		6/30/2033	100,000	10,532	110,532
5/1/2030	0	9,027	9,027		6/30/2034	100,000	7,523	107,523
11/1/2030	100,000	9,027	109,027		6/30/2035	100,000	4,514	104,514
5/1/2031	0	7,523	7,523		6/30/2036	100,000	1,505	101,505
11/1/2031	100,000	7,523	107,523		6/30/2037	0	0	0
5/1/2032	0	6,018	6,018		6/30/2038	0	0	0
11/1/2032	100,000	6,018	106,018		6/30/2039	0	0	0
5/1/2033	0	4,514	4,514		6/30/2040	0	0	0
11/1/2033	100,000	4,514	104,514		6/30/2041	0	0	0
5/1/2034	0	3,009	3,009		6/30/2042	0	0	0
11/1/2034	100,000	3,009	103,009		6/30/2043	0	0	0
5/1/2035	0	1,505	1,505		6/30/2044	0	0	0
11/1/2035	100,000	1,505	101,505		6/30/2045	0	0	0

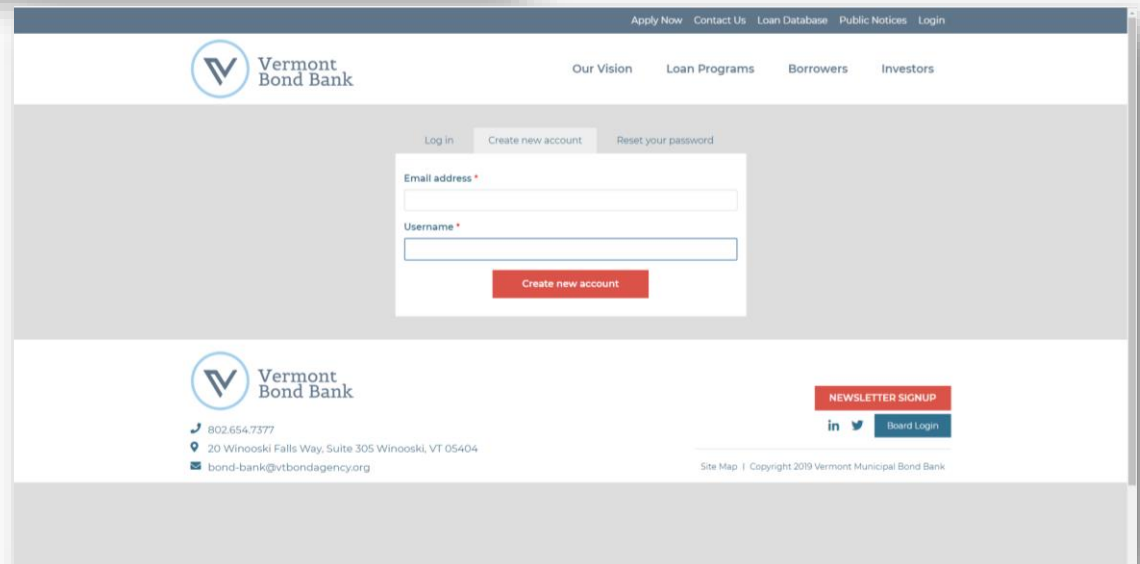
Illustrative Schedule – 10 yrs w/ 4 yr def pri

DEBT SERVICE SCHEDULE				ANNUAL DEBT SERVICE SCHEDULE			
Loan Payment	Principal	Interest	Series D/S		Principal	Interest	Series D/S
	1,000,000	318,200	1,318,200		1,000,000	318,200	1,318,200
5/1/2025	0	8,600	8,600	6/30/2024	0	0	0
11/1/2025	0	17,200	17,200	6/30/2025	0	8,600	8,600
5/1/2026	0	17,200	17,200	6/30/2026	0	34,400	34,400
11/1/2026	0	17,200	17,200	6/30/2027	0	34,400	34,400
5/1/2027	0	17,200	17,200	6/30/2028	0	34,400	34,400
11/1/2027	0	17,200	17,200	6/30/2029	0	34,400	34,400
5/1/2028	0	17,200	17,200	6/30/2030	100,000	32,680	132,680
11/1/2028	0	17,200	17,200	6/30/2031	100,000	29,240	129,240
5/1/2029	0	17,200	17,200	6/30/2032	100,000	25,800	125,800
11/1/2029	100,000	17,200	117,200	6/30/2033	100,000	22,360	122,360
5/1/2030	0	15,480	15,480	6/30/2034	100,000	18,920	118,920
11/1/2030	100,000	15,480	115,480	6/30/2035	100,000	15,480	115,480
5/1/2031	0	13,760	13,760	6/30/2036	100,000	12,040	112,040
11/1/2031	100,000	13,760	113,760	6/30/2037	100,000	8,600	108,600
5/1/2032	0	12,040	12,040	6/30/2038	100,000	5,160	105,160
11/1/2032	100,000	12,040	112,040	6/30/2039	100,000	1,720	101,720
5/1/2033	0	10,320	10,320	6/30/2040	0	0	0
11/1/2033	100,000	10,320	110,320	6/30/2041	0	0	0
5/1/2034	0	8,600	8,600	6/30/2042	0	0	0
11/1/2034	100,000	8,600	108,600	6/30/2043	0	0	0
5/1/2035	0	6,880	6,880	6/30/2044	0	0	0
11/1/2035	100,000	6,880	106,880	6/30/2045	0	0	0
5/1/2036	0	5,160	5,160	6/30/2046	0	0	0
11/1/2036	100,000	5,160	105,160	6/30/2047	0	0	0
5/1/2037	0	3,440	3,440	6/30/2048	0	0	0
11/1/2037	100,000	3,440	103,440	6/30/2049	0	0	0
5/1/2038	0	1,720	1,720	6/30/2050	0	0	0
11/1/2038	100,000	1,720	101,720	6/30/2051	0	0	0

Getting Started with Application



Create an Account
to Save Application
and Access
Completed
Applications



Completing Application

Application can be
accessed at
“Apply Now”

You will see “My
Submissions” Tab
Once Logged in

Apply Now Contact Us Loan Database Public Notice My Submissions

Our Vision Loan Programs Borrowers Investors

✓ A partially-completed form was found. Please complete the remaining portions.

Loan Application Form

1 2 3 4 5 6 7 8 9 10 11

Contact

Navigating the Application

The screenshot shows the 'Sources & Uses' section of the Vermont Bond Bank application form. At the top, there is a navigation bar with links: 'Apply Now', 'Contact Us', 'Loan Database', 'Public Notices', and 'My Submissions'. Below this is a secondary navigation bar with 'Our Vision', 'Loan Programs', 'Borrowers', and 'Investors'. The main heading is 'Sources & Uses'. Under 'Uses of Funds', there are three text input fields labeled 'PROJECT 1:', 'PROJECT 2:', and 'PROJECT 3:'. Below these is a 'Type of Application' dropdown menu with options: '- None -', 'None', 'School District', 'Governmental Activities', and 'Special District or Enterprise'. The 'None' option is currently selected. Below the dropdown, there are two radio buttons for 'Have all required permits been received?' with 'Yes' and 'No' options. At the bottom, there is a text input field for 'If no, when will the permits be received?'.

Critical to select correct application type as it will change requested information

Can move forward and backward at bottom of page

The screenshot shows the bottom section of the Vermont Bond Bank application form. It includes a navigation bar at the top with links: 'Apply Now', 'Contact Us', 'Loan Database', 'Public Notices', and 'My Submissions'. Below this is a secondary navigation bar with 'Our Vision', 'Loan Programs', 'Borrowers', and 'Investors'. The main heading is 'Anticipated Spending Schedule of Loan Proceeds'. Below this, there is a table with columns for 'Year 1', 'Year 2', and 'Year 3'. The rows are labeled 'Quarter 1', 'Quarter 2', 'Quarter 3', and 'Quarter 4'. Each cell in the table contains a text input field. Below the table, there are three red buttons: 'Save Draft', '< Back', and 'Impact >'. At the bottom, there is a footer with the Vermont Bond Bank logo, contact information (802.654.7377, 20 Winooski Falls Way, Suite 305 Winooski, VT 05404, bond-bank@vtbondagency.org), and a 'NEWSLETTER SIGNUP' button. There are also social media icons for LinkedIn and Twitter, and a 'Board Login' button.

Submitting the Application

Signor's Full Name

Signor's Title


I certify, to the best of my knowledge, that the facts and representations in this application and all attachments are true and accurate in all respects and no material facts have been omitted.

Signature

Save Draft < Previous Page Review >

You must review the application prior to submitting

Submittal confirmation and downloadable PDF of application



you for submitting your form, the Bond Bank will reach out to you with any question

[Download PDF of submission](#)

Application Highlights

In preparation, collect/complete/review:

- External audited financials— minimum one year, three preferred
- Bond counsel opinion letter (list of approved bond counsels @ <https://www.vtbondbank.org/approved-legal-counsels>)
- List of debt, including capital leases, on provided spreadsheet
- Capital Plan
- Impact data- details about the project
- Complete State of Vermont Auditor's checklist— <https://auditor.vermont.gov/local>
- GA apps: 5 largest taxpayers, 5 largest employers, delinquent taxes, muni tax rate, current FY budget
- School Dist. apps: ed spending for past 2 and current years, per pupil spending, current FY financials, HS tax rate
- Special Dist. / Enterprise apps: 5 largest ratepayers, operating rev. and exp. (inc. post-project completion projections), number and type of connections
- Declaration of Official Intent— contact Bond Counsel for template
- Annual Post Issuance Compliance form must be received if current Bond Bank loan participant
 - <https://vtbondbank.org/borrower-reporting>

Application Highlights

While completing:

- Choose the correct application. May need to complete multiple. Must complete one application and submit before starting another – unless using multiple logins.
- Use Chrome or Firefox or Edge, not Windows Explorer
- Contact should be the person completing the application and who will be contact throughout the loan process. To add an alternative contact, use the ‘Is there anything else you would like...’ at the end of the application
- Use of funds- Project 1, 2, 3
 - Brief project description
- Choose desired loan term and interest-only payments
- Impact data– not all categories will apply to your project
- Debt spreadsheet– download/upload
- Connections– Special District/Enterprise Fund specific
- Will automatically save as progress through application – no need to ‘save draft’ at each page
- Page number across the top does not correlate to pages completed/remaining
- Review application in its entirety prior to submitting; once submitted it cannot be edited
- Submission confirmation
- Save a PDF of application after submission **and email me at ken@vtbondagency.org**

Illustrative Timeline



WINTER POOL APPLICATIONS DUE MONDAY, DECEMBER 16TH

A Glimpse Into Credit Review / Debt Capacity

Gov. Act. Operating Ratios

Sub-Category	2023 Audit	2023 VBB Median	Moody's "A" Pop < 10k*	Notes
Unassigned General Fund Balance as % of Revenue	17.3%	16.5%	45.9%	Indicator of financial resources available to address investments and/or financial resiliency - typically lower in New England communities.
Cash as % of Revenue	134.5%	61.2%	48.4%	Cash available for on-going operations; cash typically higher in VT communities due to consolidation of cash within GF
Capital Asset Depreciation (Ratio of Undepreciated Assets to Original Value)	53.0%	42.4%	49.7%**	Indicator of relative age of infrastructure from financial accounting perspective

* Source: Moody's Investor Services, "Cities and Counties—US Medians," published May 26, 2022

** All cities median from Moody's

A Glimpse Into Credit Review / Debt Capacity

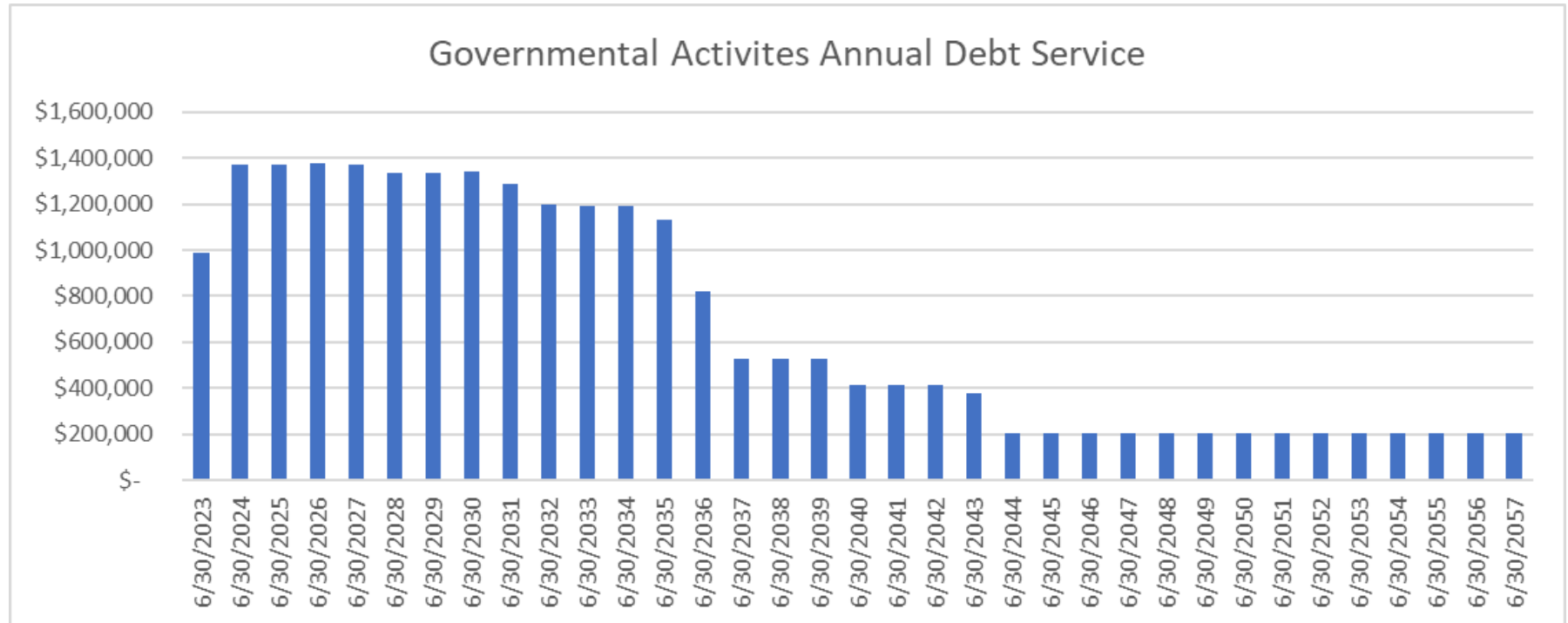
Gov. Act. Debt Ratios

Sub-Category	2023 Audit	Prior Audit + \$5 mm	Prior Audit + \$10 mm	Prior Audit + \$15 mm	2023 VBB Median	Moody's "A" Pop < 10k*	Notes
Total Long-Term Debt (LTD)	\$17.96 million	\$22.96 million	\$27.96 million	\$32.96 million	\$775k	\$5.76 million	
Debt Service as % of Operating Expenses	7.43%	9.54%	11.66%	13.77%	5.47%	10.5%	Indication as to amount of budget consumed by debt service; higher amounts may indicate crowding out of other spending priorities or alternative capital spending (ex. PAYGO)
Debt Service as % of Revenue	7.34%	9.43%	11.51%	13.6%	5.41%	---	See above
Gov Activities LTD as % of Revenue	92.61%	118.39%	144.18%	169.96%	40.83%	110.0%	Indicator of debt relative to the size of annual spending of a community
Gov Activities LTD as % of Equalized Value	0.98%	1.26%	1.53%	1.80%	0.21%	1.5%	Indicator as to the amount of community wealth that is dedicated to repaying debt
Gov Activities 10-year Debt Payoff	73.35%	57.38%	47.12%	39.97%	85.4%	---	Indicator of how quickly existing debt pays down; may offset higher D/S as a % of operating expenses
Gov Activities Debt per Capita	\$1,681	\$2,148	\$2,616	\$3,084	\$700	---	Indication of how much general obligation debt that is attributed to each person living in town

* Source: Moody's Investor Services, "Cities and Counties—US Medians," published May 26, 2022

** All cities median from Moody's

A Glimpse Into Credit Review / Debt Capacity



Post-Closing

- Notice of closing sent soon after closing
- Authorized representatives form
- Investment authorization form
- Requisition Process
- Compliance (PIC checklist, certificate of project completion, annual financials)
- Repayment (May 1 int. only, Nov. 1 P+I)
- Arbitrage Timeline

Download Forms



Disbursement Agent - Appointment of Authorized Representative



Sample Post Issuance Compliance Procedures



Disbursement Agent - Investment Authorization



US Bank Loan Requisition Form

Certificate of Project Completion

Annual Post Issuance Compliance

Financial Reporting

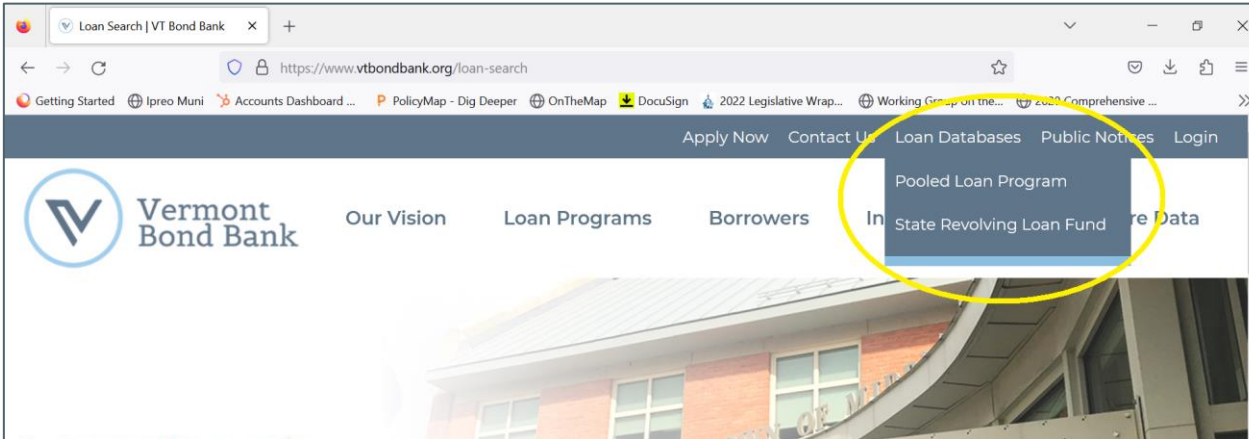
Here you will find an example of the Certificate of Project Completion form. Please download and then upload your completed form.

Download PDF Form

Upload PDF Form

Accessing Schedules Online

www.vtbondbank.org/loan-search



Loan Search

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Vermont Bond Bank Our Vision Loan Programs Borrowers Investors Infrastructure Data

Current Obligor Name
Corinth

Current Deal
All

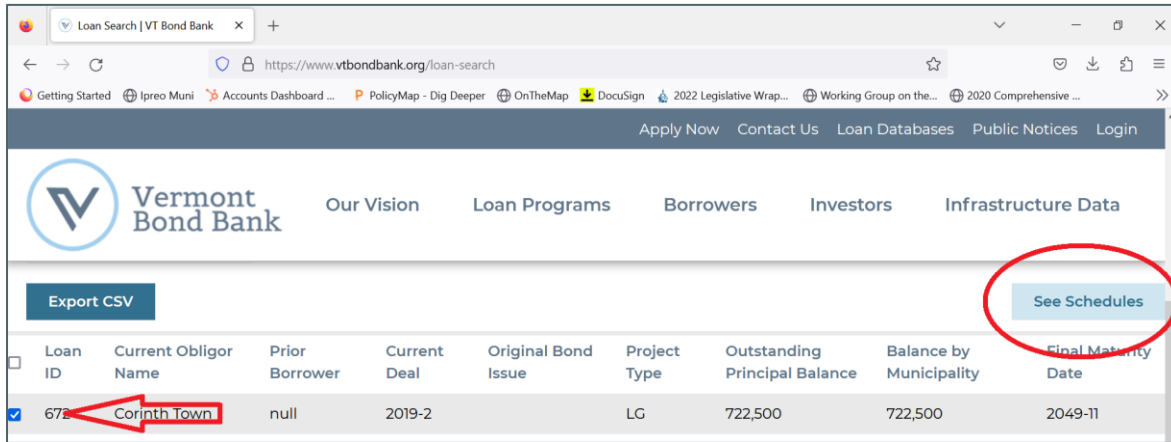
Original Bond Issue
All

Export CSV See Schedules

	Loan ID	Current Obligor Name	Prior Borrower	Current Deal	Original Bond Issue	Project Type	Outstanding Principal Balance	Balance by Municipality	Final Maturity Date
<input type="checkbox"/>	672	Corinth Town	null	2019-2		LG	722,500	722,500	2049-11

Accessing Schedules Online

www.vtbondbank.org/loan-search



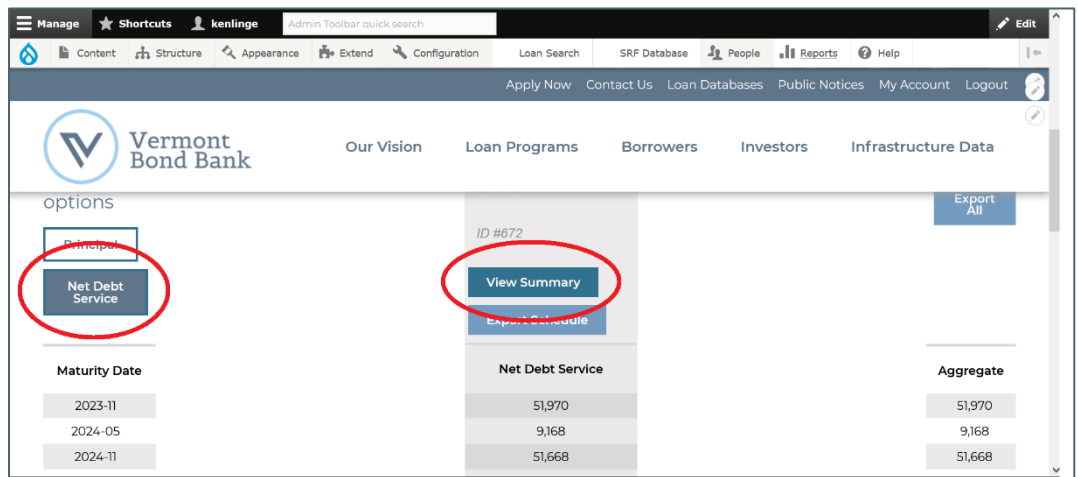
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[Export CSV](#) [See Schedules](#)

Loan ID	Current Obligor Name	Prior Borrower	Current Deal	Original Bond Issue	Project Type	Outstanding Principal Balance	Balance by Municipality	Final Maturity Date
672	Corinth Town	null	2019-2		LG	722,500	722,500	2049-11



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options

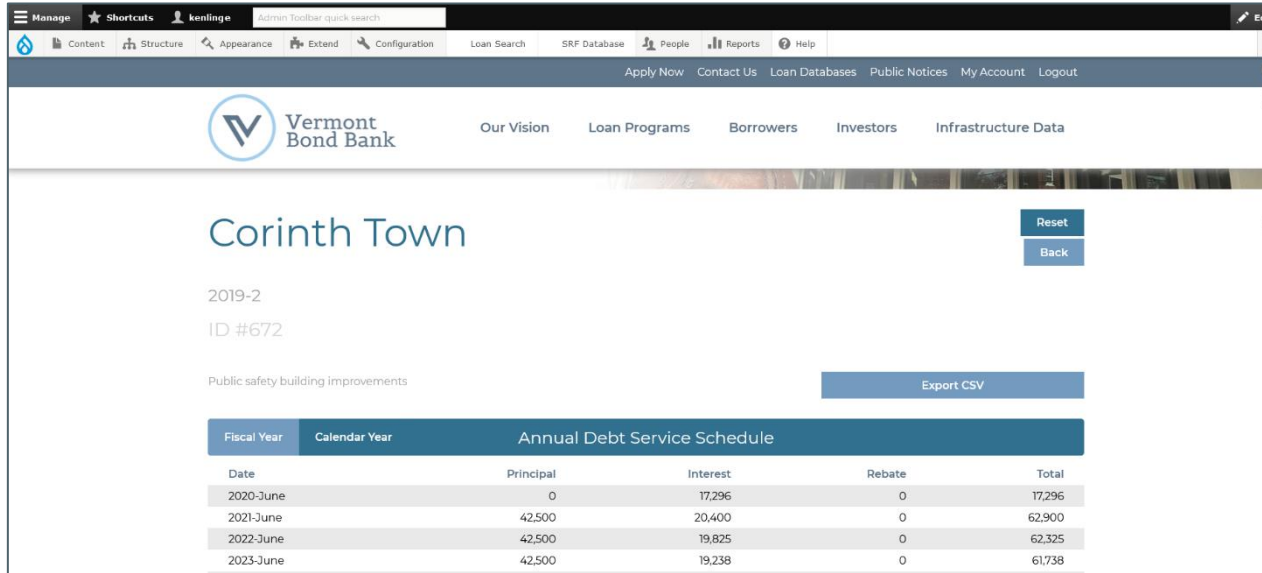
[Principal](#) [Net Debt Service](#) [View Summary](#) [Export Schedule](#) [Export All](#)

ID #672

Maturity Date	Net Debt Service	Aggregate
2023-11	51,970	51,970
2024-05	9,168	9,168
2024-11	51,668	51,668

Accessing Schedules Online

www.vtbondbank.org/loan-search



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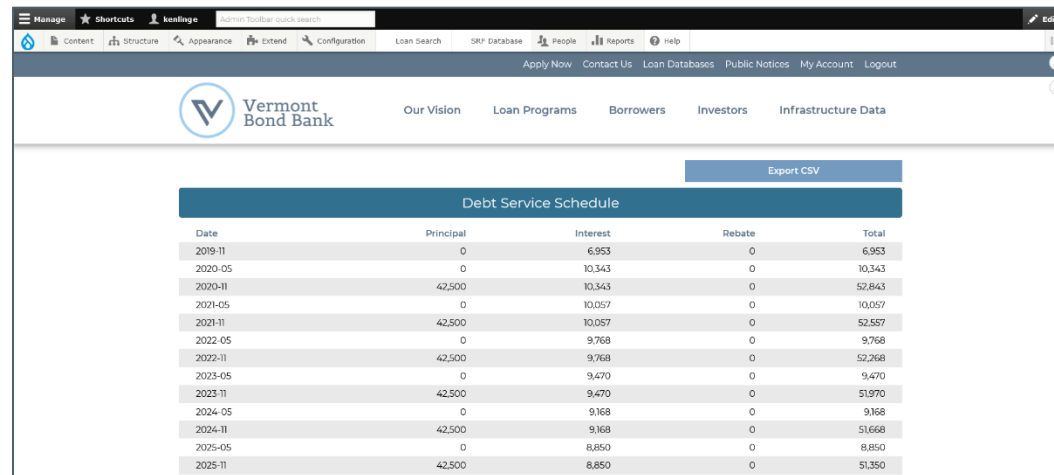
Corinth Town

2019-2
ID #672

Public safety building improvements

Export CSV

Fiscal Year	Calendar Year	Annual Debt Service Schedule			
Date	Principal	Interest	Rebate	Total	
2020-June	0	17,296	0	17,296	
2021-June	42,500	20,400	0	62,900	
2022-June	42,500	19,825	0	62,325	
2023-June	42,500	19,238	0	61,738	



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Vermont Bond Bank Our Vision Loan Programs Borrowers Investors Infrastructure Data

Export CSV

Debt Service Schedule				
Date	Principal	Interest	Rebate	Total
2019-11	0	6,953	0	6,953
2020-05	0	10,343	0	10,343
2020-11	42,500	10,343	0	52,843
2021-05	0	10,057	0	10,057
2021-11	42,500	10,057	0	52,557
2022-05	0	9,768	0	9,768
2022-11	42,500	9,768	0	52,268
2023-05	0	9,470	0	9,470
2023-11	42,500	9,470	0	51,970
2024-05	0	9,168	0	9,168
2024-11	42,500	9,168	0	51,668
2025-05	0	8,850	0	8,850
2025-11	42,500	8,850	0	51,350

Refinancing

- VBB actively monitors for refinancing opportunities.
- Savings are passed on to borrowers as rebates (see below).
- The 2025-1 series bonds will likely be callable in 8 years.
- VBB notifies borrowers about refunding opportunities and assumes interest.

DEBT SERVICE SCHEDULE				
	Principal	Interest	Rebate	Debt Service
	3,055,000	1,711,800		4,766,800
5/1/2016	0	69,218	✓	69,218
11/1/2016	135,000	69,218		204,218
5/1/2017	0	66,680		66,680
11/1/2017	135,000	66,680		201,680
5/1/2018	0	64,048		64,048
11/1/2018	135,000	64,048		199,048
5/1/2019	0	61,341		61,341
11/1/2019	135,000	61,341		196,341
5/1/2020	0	58,567		58,567
11/1/2020	135,000	58,567		193,567
5/1/2021	0	55,725		55,725
11/1/2021	135,000	55,725		190,725
5/1/2022	0	52,823		52,823
11/1/2022	135,000	52,823		187,823
5/1/2023	0	49,880		49,880
11/1/2023	135,000	49,880		184,880



DEBT SERVICE SCHEDULE				
	Principal	Interest	Rebate	Debt Service
	3,055,000	1,711,800	(374,749)	4,392,051
5/1/2016	0	69,218	0 ✓	69,218
11/1/2016	135,000	69,218	(3,809)	200,409
5/1/2017	0	66,680	0	66,680
11/1/2017	135,000	66,680	(3,721)	197,959
5/1/2018	0	64,048	0	64,048
11/1/2018	135,000	64,048	(3,870)	195,177
5/1/2019	0	61,341	0	61,341
11/1/2019	135,000	61,341	(18,860)	177,481
5/1/2020	0	58,567	0	58,567
11/1/2020	135,000	58,567	(21,442)	172,125
5/1/2021	0	55,725	0	55,725
11/1/2021	135,000	55,725	(22,528)	168,197
5/1/2022	0	52,823	0	52,823
11/1/2022	135,000	52,823	(23,119)	164,704
5/1/2023	0	49,880	0	49,880
11/1/2023	135,000	49,880	(24,830)	160,049

Green Energy and Energy Efficiency Lending

How can Bond Bank support renewable energy and energy efficiency projects?

- Energy Efficiency and Renewable Energy Program (EEREP) has launched! www.vtbondbank.org/energy
- Solar installations, storage, electrification, weatherization, and many other uses likely eligible
- Complementary with the Bond Bank's Pooled Loan Program - and with other subsidies (e.g., elective pay)
- Up to 10-year term w/ 2.125% interest
- Email ken@vtbondagency.org to explore



Photo Credit: Ian Albinson, *The Addison County Independent*

www.vtbondbank.org



Vermont Bond Bank

Michael Gaughan
Executive Director

michael@vtbondagency.org

802.861.0073

Ken Linge
Loan Officer

ken@vtbondagency.org

802.861.0074

Elizabeth King
Controller

elizabeth@vtbondagency.org

802.861.0075