

TOWN OF AMHERST, MASSACHUSETTS

Debt Service Projections

Jones Library - Scenario 1 (donations at end of project)

UniBank Fiscal Advisory Services, Inc.

9/19/2022

Financings

	<u>Financing</u>	<u>Par</u>	<u>Dated</u>	<u>Maturity</u>	<u>Years</u>	<u>Rate*</u>
GO Bonds - General	\$ 15,751,809	\$ 15,390,000	3/15/2024	3/15/2044	20	3.9518%
GO Bonds - CPA	\$ 1,000,000	\$ 940,000	3/15/2024	3/15/2034	10	3.3225%
BAN - General	\$ 20,120,000	\$ 20,120,000	11/15/2024	11/15/2025	1	3.5000%
BAN - General	\$ 20,120,000	\$ 20,120,000	11/15/2025	8/15/2026	0.75	3.5000%

* Projected all-in cost.

Debt Service

Fiscal Year	<u>Bonds - General</u>			<u>BANs - General</u>	<u>General</u>	<u>CPA</u>		
	<u>Principal</u>	<u>Interest</u>	<u>Total</u>	<u>Interest</u>	<u>Total</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2025	\$ 485,000.00	\$ 669,812.50	\$ 1,154,812.50		\$ 1,154,812.50	\$ 95,000.00	\$ 45,200.00	\$ 140,200.00
2026	\$ 510,000.00	\$ 645,562.50	\$ 1,155,562.50	\$ 704,200.00	\$ 1,859,762.50	\$ 95,000.00	\$ 40,450.00	\$ 135,450.00
2027	\$ 535,000.00	\$ 620,062.50	\$ 1,155,062.50	\$ 528,150.00	\$ 1,683,212.50	\$ 95,000.00	\$ 35,700.00	\$ 130,700.00
2028	\$ 560,000.00	\$ 593,312.50	\$ 1,153,312.50		\$ 1,153,312.50	\$ 95,000.00	\$ 30,950.00	\$ 125,950.00
2029	\$ 590,000.00	\$ 565,312.50	\$ 1,155,312.50		\$ 1,155,312.50	\$ 95,000.00	\$ 26,200.00	\$ 121,200.00
2030	\$ 620,000.00	\$ 535,812.50	\$ 1,155,812.50		\$ 1,155,812.50	\$ 95,000.00	\$ 21,450.00	\$ 116,450.00
2031	\$ 650,000.00	\$ 504,812.50	\$ 1,154,812.50		\$ 1,154,812.50	\$ 95,000.00	\$ 16,700.00	\$ 111,700.00
2032	\$ 680,000.00	\$ 472,312.50	\$ 1,152,312.50		\$ 1,152,312.50	\$ 95,000.00	\$ 11,950.00	\$ 106,950.00
2033	\$ 715,000.00	\$ 438,312.50	\$ 1,153,312.50		\$ 1,153,312.50	\$ 90,000.00	\$ 7,200.00	\$ 97,200.00
2034	\$ 745,000.00	\$ 409,712.50	\$ 1,154,712.50		\$ 1,154,712.50	\$ 90,000.00	\$ 3,600.00	\$ 93,600.00
2035	\$ 775,000.00	\$ 379,912.50	\$ 1,154,912.50		\$ 1,154,912.50			\$ -
2036	\$ 805,000.00	\$ 348,912.50	\$ 1,153,912.50		\$ 1,153,912.50			\$ -
2037	\$ 840,000.00	\$ 316,712.50	\$ 1,156,712.50		\$ 1,156,712.50			\$ -
2038	\$ 870,000.00	\$ 283,112.50	\$ 1,153,112.50		\$ 1,153,112.50			\$ -
2039	\$ 905,000.00	\$ 248,312.50	\$ 1,153,312.50		\$ 1,153,312.50			\$ -
2040	\$ 940,000.00	\$ 212,112.50	\$ 1,152,112.50		\$ 1,152,112.50			\$ -
2041	\$ 980,000.00	\$ 174,512.50	\$ 1,154,512.50		\$ 1,154,512.50			\$ -
2042	\$ 1,020,000.00	\$ 134,087.50	\$ 1,154,087.50		\$ 1,154,087.50			\$ -
2043	\$ 1,060,000.00	\$ 92,012.50	\$ 1,152,012.50		\$ 1,152,012.50			\$ -
2044	\$ 1,105,000.00	\$ 46,962.50	\$ 1,151,962.50		\$ 1,151,962.50			\$ -
Total	\$ 15,390,000.00	\$ 7,691,675.00	\$ 23,081,675.00	\$ 1,232,350.00	\$ 24,314,025.00	\$ 940,000.00	\$ 239,400.00	\$ 1,179,400.00

TOWN OF AMHERST, MASSACHUSETTS

Debt Service Projections

Jones Library - Scenario 2 (50 percent of donations by time of construction bids)

UniBank Fiscal Advisory Services, Inc.

9/19/2022

Financings

	<u>Financing</u>	<u>Par</u>	<u>Dated</u>	<u>Maturity</u>	<u>Years</u>	<u>Rate*</u>
BAN - CPA	\$ 1,000,000	\$ 1,000,000	3/15/2024	8/15/2024	0.416666667	3.5000%
GO Bonds - General	\$ 15,751,809	\$ 15,390,000	8/15/2024	3/15/2044	20	3.9533%
GO Bonds - CPA	\$ 1,000,000	\$ 940,000	8/15/2024	3/15/2034	10	3.3225%
BAN	\$ 12,750,000	\$ 12,750,000	2/15/2025	2/15/2026	1	3.5000%
BAN	\$ 12,750,000	\$ 12,750,000	2/15/2026	8/15/2026	0.5	3.5000%

* Projected all-in cost.

Debt Service

Fiscal Year	<u>Bonds - General</u>			<u>BANs - General</u>	<u>General</u>		<u>CPA</u>		
	<u>Principal</u>	<u>Interest</u>	<u>Total</u>	<u>Interest</u>	<u>Total</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>	
2025		\$ 357,412.50	\$ 357,412.50		\$ 357,412.50		\$ 37,183.33	\$ 37,183.33	
2026	\$ 480,000.00	\$ 700,450.00	\$ 1,180,450.00	\$ 446,250.00	\$ 1,626,700.00	\$ 95,000.00	\$ 42,825.00	\$ 137,825.00	
2027	\$ 505,000.00	\$ 671,075.00	\$ 1,176,075.00	\$ 223,125.00	\$ 1,399,200.00	\$ 95,000.00	\$ 38,075.00	\$ 133,075.00	
2028	\$ 530,000.00	\$ 640,450.00	\$ 1,170,450.00		\$ 1,170,450.00	\$ 95,000.00	\$ 33,325.00	\$ 128,325.00	
2029	\$ 560,000.00	\$ 608,450.00	\$ 1,168,450.00		\$ 1,168,450.00	\$ 95,000.00	\$ 28,575.00	\$ 123,575.00	
2030	\$ 585,000.00	\$ 575,075.00	\$ 1,160,075.00		\$ 1,160,075.00	\$ 95,000.00	\$ 23,825.00	\$ 118,825.00	
2031	\$ 615,000.00	\$ 540,325.00	\$ 1,155,325.00		\$ 1,155,325.00	\$ 95,000.00	\$ 19,075.00	\$ 114,075.00	
2032	\$ 650,000.00	\$ 503,950.00	\$ 1,153,950.00		\$ 1,153,950.00	\$ 95,000.00	\$ 14,325.00	\$ 109,325.00	
2033	\$ 680,000.00	\$ 465,950.00	\$ 1,145,950.00		\$ 1,145,950.00	\$ 95,000.00	\$ 9,575.00	\$ 104,575.00	
2034	\$ 715,000.00	\$ 430,475.00	\$ 1,145,475.00		\$ 1,145,475.00	\$ 90,000.00	\$ 5,400.00	\$ 95,400.00	
2035	\$ 740,000.00	\$ 397,775.00	\$ 1,137,775.00		\$ 1,137,775.00	\$ 90,000.00	\$ 1,800.00	\$ 91,800.00	
2036	\$ 775,000.00	\$ 365,675.00	\$ 1,140,675.00		\$ 1,140,675.00			\$ -	
2037	\$ 805,000.00	\$ 334,075.00	\$ 1,139,075.00		\$ 1,139,075.00			\$ -	
2038	\$ 835,000.00	\$ 301,275.00	\$ 1,136,275.00		\$ 1,136,275.00			\$ -	
2039	\$ 870,000.00	\$ 267,175.00	\$ 1,137,175.00		\$ 1,137,175.00			\$ -	
2040	\$ 905,000.00	\$ 231,675.00	\$ 1,136,675.00		\$ 1,136,675.00			\$ -	
2041	\$ 945,000.00	\$ 194,675.00	\$ 1,139,675.00		\$ 1,139,675.00			\$ -	
2042	\$ 985,000.00	\$ 155,459.38	\$ 1,140,459.38		\$ 1,140,459.38			\$ -	
2043	\$ 1,025,000.00	\$ 114,003.13	\$ 1,139,003.13		\$ 1,139,003.13			\$ -	
2044	\$ 1,070,000.00	\$ 70,125.00	\$ 1,140,125.00		\$ 1,140,125.00			\$ -	
2045	\$ 1,115,000.00	\$ 23,693.75	\$ 1,138,693.75		\$ 1,138,693.75			\$ -	
Total	\$ 15,390,000.00	\$ 7,949,218.76	\$ 23,339,218.76	\$ 669,375.00	\$ 24,008,593.76	\$ 940,000.00	\$ 253,983.33	\$ 1,193,983.33	