

Town of Braintree
 Estimated Debt Exclusion tax increase
 Based on estimated increased debt Service
 Bond issue dated 12/1/2020 term 5,10,20 30 years
 estimated interest rate for 12/1/2020
 Coupon rate .5% five years 1.25% ten years 1.5% 20 years and 2.00% for 30 years
 9/8/2020

bond amount 63,086,631

estimated annual debt 3,277,254

	avg. value	actual FY 2020 rate	estimated FY 2020 rate	estimated increase rate	estimated increase tax
residential	502,594	9.86	10.20	0.34	170.88
commercial	2,807,390	21.80	22.55	0.75	2,105.54
<u>term of the exclusion</u>					
residential					
years 1-5	502,594	9.86	10.20	0.34	170.88
years 6-10	502,594	9.86	10.16	0.30	150.78
years 11-20	502,594	9.86	10.14	0.28	140.73
years 21-30	502,594	9.86	10.12	0.26	130.67

	<u>amount</u>	<u>years</u>	<u>annual debt service</u>	<u>estimated impact on res tax rate</u>
South Middle School A	55,588,631	30 years	2,488,004	0.26
elementary school roofs	5,000,000	20	360,625	0.04
BHS feasibility studies	1,500,000	5	310,500	0.03
school security improvement	1,000,000	10	118,125	0.01
	63,088,631		3,277,254	0.34
total	86,585,919			
est max total facil.grant	(30,997,288)			
town net amount A	55,588,631			

Town of Braintree
Annual Debt Service and Tax Rate Impact
School Bond Issue
9/8/2020

502,594

	<u>Date</u>	<u>SMS 30</u>	<u>Roofs</u>	<u>Security</u>	<u>BHS Plan</u>	<u>Total</u>	<u>res tax</u>	<u>Estimated Incr. Tax</u>
		55,586,631	5,000,000	1,000,000	1,500,000	63,086,631		
	06/01/2020	-				-		
	12/01/2020							
	06/01/2021							
	06/30/2021	-	-	-	-	-		
	12/01/2021							
1	06/01/2022							
	06/30/2022	2,488,004	360,625	118,125	310,500	3,277,254	0.34	170.88
	12/01/2022							
	06/01/2023							
	06/30/2023	2,491,100	319,375	110,625	305,250	3,226,350	0.33	165.86
	12/01/2023							
	06/01/2024							
	06/30/2024	2,487,650	315,625	109,375	303,750	3,216,400	0.33	165.86
	12/01/2024							
	06/01/2025							
	06/30/2025	2,488,650	311,875	108,125	302,250	3,210,900	0.33	165.86
	12/01/2025							
	06/01/2026							
	06/30/2026	2,489,050	308,125	106,875	300,750	3,204,800	0.33	165.86
	12/01/2026							
6	06/01/2027							
	06/30/2027	2,488,850	304,375	105,625	-	2,898,850	0.30	150.78
	12/01/2027							
	06/01/2028							
	06/30/2028	2,488,050	300,625	104,375	-	2,893,050	0.30	150.78
	12/01/2028							
	06/01/2029							
	06/30/2029	2,486,650	296,875	103,125	-	2,886,650	0.30	150.78
	12/01/2029							
	06/01/2030							
	06/30/2030	2,489,600	293,125	101,875	-	2,884,600	0.30	150.78
	12/01/2030							
	06/01/2031							
	06/30/2031	2,486,900	289,375	100,625	-	2,876,900	0.30	150.78
	12/01/2031							
11	06/01/2032							
	06/30/2032	2,488,550	285,625	-	-	2,774,175	0.28	140.73
	12/01/2032							
	06/01/2033							
	06/30/2033	2,489,500	281,875	-	-	2,771,375	0.28	140.73
	12/01/2033							
	06/01/2034							
	06/30/2034	2,489,750	278,125	-	-	2,767,875	0.28	140.73
	12/01/2034							
	06/01/2035							
	06/30/2035	2,489,300	274,375	-	-	2,763,675	0.28	140.73
	12/01/2035							
	06/01/2036							
	06/30/2036	2,488,150	270,625	-	-	2,758,775	0.28	140.73
	12/01/2036							
	06/01/2037							
	06/30/2037	2,486,300	266,875	-	-	2,753,175	0.28	140.73
	12/01/2037							
	06/01/2038							
	06/30/2038	2,488,700	263,125	-	-	2,751,825	0.28	140.73
	12/01/2038							

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502,594

	<u>Date</u>	<u>SMS 30</u>	<u>Roofs</u>	<u>Security</u>	<u>BHS Plan</u>	<u>Total</u>	<u>res tax</u>	<u>Estimated Incr. Tax</u>
	06/01/2039							
	06/30/2039	2,490,300	259,375	-	-	2,749,675	0.28	140.73
	12/01/2039							
	06/01/2040							
	06/30/2040	2,486,150	255,625	-	-	2,741,775	0.28	140.73
	12/01/2040							
	06/01/2041							
	06/30/2041	2,486,250	251,875	-	-	2,738,125	0.28	140.73
	12/01/2041							
	06/01/2042							
21	06/30/2042	2,490,500	-	-	-	2,490,500	0.26	130.67
	12/01/2042							
	06/01/2043							
	06/30/2043	2,488,900	-	-	-	2,488,900	0.26	130.67
	12/01/2043							
	06/01/2044							
	06/30/2044	2,486,500	-	-	-	2,486,500	0.26	130.67
	12/01/2044							
	06/01/2045							
	06/30/2045	2,488,250	-	-	-	2,488,250	0.26	130.67
	12/01/2045							
	06/01/2046							
	06/30/2046	2,489,100	-	-	-	2,489,100	0.26	130.67
	12/01/2046							
	06/01/2047							
	06/30/2047	2,489,050	-	-	-	2,489,050	0.26	130.67
	12/01/2047							
	06/01/2048							
	06/30/2048	2,488,100	-	-	-	2,488,100	0.26	130.67
	12/01/2048							
	06/01/2049							
	06/30/2049	2,486,250	-	-	-	2,486,250	0.26	130.67
	12/01/2049							
	06/01/2050							
	06/30/2050	2,488,450	-	-	-	2,488,450	0.26	130.67
	12/01/2051							
	06/01/2051							
	06/30/2051	2,489,650	-	-	-	2,489,650	0.26	130.67
	<u>Total</u>	<u>74,652,204</u>	<u>5,787,500</u>	<u>1,068,750</u>	<u>1,522,500</u>	<u>83,030,954</u>		
		-	-	-	-	-		
	Original projection					97,567,837		
	reduced interest					(14,536,883)		