

Easthampton High School Building Project - Debt Exclusion Projections (including the net effect of retiring exclusion debt on the tax rate)

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4/6/2010

Bond Option - 20 years level principal payment

Note interest rate - 2.50%  
 Bond interest rate - 4.25%  
 New growth rate - 0.125%

date	principal outstanding	principal payable	interest payable	annual debt service	valuation (\$1,000's)	tax rate impact
01-Jul-10	5,000,000				1,391,000	
01-Jul-11	18,147,000	0	125,000	125,000	1,392,739	\$0.09
01-Jul-12	18,147,000	917,000	771,248	1,688,248	1,394,480	\$1.21
01-Jul-13	17,230,000	910,000	732,275	1,642,275	1,396,223	\$1.18
01-Jul-14	16,320,000	910,000	693,600	1,603,600	1,397,968	\$1.15
01-Jul-15	15,410,000	910,000	654,925	1,564,925	1,399,716	\$1.12
01-Jul-16	14,500,000	910,000	616,250	1,526,250	1,401,465	\$1.09
01-Jul-17	13,590,000	910,000	577,575	1,487,575	1,403,217	\$1.06
01-Jul-18	12,680,000	910,000	538,900	1,448,900	1,404,971	\$1.03
01-Jul-19	11,770,000	910,000	500,225	1,410,225	1,406,727	\$1.00
01-Jul-20	10,860,000	910,000	461,550	1,371,550	1,408,486	\$0.97
01-Jul-21	9,950,000	910,000	422,875	1,332,875	1,410,246	\$0.95
01-Jul-22	9,040,000	910,000	384,200	1,294,200	1,412,009	\$0.92
01-Jul-23	8,130,000	910,000	345,525	1,255,525	1,413,774	\$0.89
01-Jul-24	7,220,000	910,000	306,850	1,216,850	1,415,541	\$0.86
01-Jul-25	6,310,000	910,000	268,175	1,178,175	1,417,311	\$0.83
01-Jul-26	5,400,000	900,000	229,500	1,129,500	1,419,082	\$0.80
01-Jul-27	4,500,000	900,000	191,250	1,091,250	1,420,856	\$0.77
01-Jul-28	3,600,000	900,000	153,000	1,053,000	1,422,632	\$0.74
01-Jul-29	2,700,000	900,000	114,750	1,014,750	1,424,411	\$0.71
01-Jul-30	1,800,000	900,000	76,500	976,500	1,426,191	\$0.68
01-Jul-31	900,000	900,000	38,250	938,250	1,427,974	\$0.66
01-Jul-32	0	0	0	0	1,429,759	\$0.00
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	\$18,147,000	\$8,202,423	\$26,349,423			

Average 2010 single family home value: \$229,150

High School Debt Exclusion

	annual cost	monthly cost	weekly cost	daily cost
Fiscal year 2013	\$277.27	\$23.11	\$5.33	\$0.76
Fiscal year 2022	\$210.82	\$17.57	\$4.05	\$0.58
Fiscal year 2032	\$151.24	\$12.60	\$2.91	\$0.41

Retiring Exclusion Debt:

PSC	WWTP	EHS Feasibility	Offsets	total debt service	total rate impact	*net rate effect
341,038	119,950	244,500	(172,561)	532,927	0.38	
330,138	114,250	244,800	(163,748)	650,440	0.47	0.09
324,338	108,550			2,121,135	1.52	1.05
313,538	102,850			2,058,663	1.47	(0.05)
302,125				1,905,725	1.36	(0.11)
290,125				1,855,050	1.33	(0.03)
283,250				1,809,500	1.29	(0.04)
				1,487,575	1.06	(0.23)
				1,448,900	1.03	(0.03)
				1,410,225	1.00	(0.03)
				1,371,550	0.97	(0.03)
				1,332,875	0.95	(0.02)
				1,294,200	0.92	(0.03)
				1,255,525	0.89	(0.03)
				1,216,850	0.86	(0.03)
				1,178,175	0.83	(0.03)
				1,129,500	0.80	(0.03)
				1,091,250	0.77	(0.03)
				1,053,000	0.74	(0.03)
				1,014,750	0.71	(0.03)
				976,500	0.68	(0.03)
				938,250	0.66	(0.02)
				0	0.00	(0.66)

\*NET Fiscal year 2013 tax rate impact

annual cost	monthly cost	weekly cost	daily cost
\$240.61	\$20.05	\$4.63	\$0.66