

**Minuteman Regional High School  
Capital Assessment Model  
Revised Agreement with 1 Student Minimum  
New School Project  
16 Member Towns**

50% ENROLLMENT - 34% CHAPTER 70 COMBINED EFFORT - 1% EACH MEMBER CAPITAL BASE CONTRIBUTION																	
	Projected Enrollment for Current Method Debt/Capital Assessment	Enrollment Method Debt/Capital Assessment Share	ESCO Lease Current Method \$506,333	Enrollment Basis				Chapter 70 - Combined Effort Basis			Capital Base Contribution Basis		Capital Assessment Revised Formula	Total Capital Assessment - Revised Agreement	Total Capital Assessment - Current Agreement	Difference (New Method - Current Method)	Per Pupil Costs Revised Agreement
				Enrollment Debt/Capital Assessment	Debt/Capital Assessment Share	**Enrollment - 4 year rolling Average	Per Pupil Cost	Combined Effort Capital Assessment Share	Chapter 70 - Combined Effort	Per Pupil Cost	Capital Base Contribution	Per Pupil Cost					
Acton	35.4	6.71%	\$33,971	32.9	7.13%	\$151,734	\$4,617	4.61%	\$66,731	\$2,031	\$42,586	\$1,296	\$261,050	\$295,022	\$319,688	(\$24,666)	7,943.62
Arlington	198.6	37.67%	\$190,761	168.2	36.48%	\$776,662	\$4,617	35.87%	\$519,401	\$3,088	\$42,586	\$253	\$1,338,649	\$1,529,409	\$1,795,170	(\$265,760)	7,958.15
Belmont	39.5	7.48%	\$37,891	34.0	7.36%	\$156,767	\$4,617	8.02%	\$116,123	\$3,420	\$42,586	\$1,254	\$315,475	\$353,366	\$356,575	(\$3,209)	9,291.57
Bolton	13.6	2.58%	\$13,066	11.7	2.54%	\$54,097	\$4,617	1.81%	\$26,139	\$2,231	\$42,586	\$3,635	\$122,822	\$135,888	\$122,957	\$12,931	10,482.81
Boxborough	5.4	1.03%	\$5,226	5.5	1.20%	\$25,564	\$4,617	1.00%	\$14,484	\$2,616	\$42,586	\$7,692	\$82,633	\$87,860	\$49,183	\$38,677	14,924.94
Carlisle	10.9	2.06%	\$10,453	8.8	1.91%	\$40,738	\$4,617	2.24%	\$32,494	\$3,683	\$42,586	\$4,827	\$115,818	\$126,271	\$98,365	\$27,905	13,126.54
Concord	16.3	3.10%	\$15,679	15.6	3.38%	\$72,073	\$4,617	5.46%	\$78,993	\$5,060	\$42,586	\$2,728	\$193,652	\$209,331	\$147,548	\$61,783	12,405.82
Dover	5.0	0.95%	\$4,802	3.3	0.72%	\$15,421	\$4,617	1.54%	\$22,293	\$6,675	\$42,586	\$12,750	\$80,300	\$85,101	\$45,188	\$39,913	24,042.16
Lancaster	43.5	8.26%	\$41,811	40.0	8.68%	\$184,885	\$4,617	5.16%	\$74,653	\$1,864	\$42,586	\$1,064	\$302,124	\$343,935	\$393,462	(\$49,527)	7,545.03
Lexington	56.5	10.71%	\$54,223	50.8	11.01%	\$234,489	\$4,617	12.03%	\$174,162	\$3,429	\$42,586	\$839	\$451,236	\$505,459	\$510,271	(\$4,812)	8,885.05
Lincoln	5.4	1.03%	\$5,226	6.5	1.42%	\$30,181	\$4,617	2.90%	\$42,027	\$6,429	\$42,586	\$6,515	\$114,793	\$120,019	\$49,183	\$70,837	17,561.57
Needham	29.9	5.68%	\$28,745	27.1	5.87%	\$125,016	\$4,617	7.02%	\$101,571	\$3,751	\$42,586	\$1,573	\$269,173	\$297,918	\$270,505	\$27,413	9,941.29
Stow	24.5	4.64%	\$23,518	20.3	4.40%	\$93,681	\$4,617	3.11%	\$45,052	\$2,220	\$42,586	\$2,099	\$181,318	\$204,837	\$221,322	(\$16,485)	8,936.48
Sudbury	32.7	6.19%	\$31,358	29.0	6.28%	\$133,758	\$4,617	5.65%	\$81,835	\$2,825	\$42,586	\$1,470	\$258,179	\$289,537	\$295,096	(\$5,559)	8,912.07
Wayland	5.0	0.95%	\$4,802	3.3	0.72%	\$15,421	\$4,617	0.99%	\$14,374	\$4,304	\$42,586	\$12,750	\$72,381	\$77,183	\$45,188	\$31,994	21,671.30
Weston	5.0	0.95%	\$4,802	4.1	0.88%	\$18,790	\$4,617	2.60%	\$37,576	\$9,233	\$42,586	\$10,464	\$98,952	\$103,754	\$45,188	\$58,565	24,314.96
<b>Total</b>	<b>527.2</b>	<b>100.00%</b>	<b>\$506,333</b>	<b>461.2</b>	<b>100.00%</b>	<b>\$2,129,279</b>		<b>100.00%</b>	<b>\$1,447,909</b>		<b>\$681,369</b>		<b>\$4,258,557</b>	<b>\$4,764,890</b>	<b>\$4,764,890</b>	<b>(\$50)</b>	<b>9,234.38</b>
						<b>50%</b>			<b>34%</b>			<b>16%</b>					

\*Current Method based on projected enrollment data (with 1 minimum)

\*\*Enrollment = 4 year Rolling Average

Project based on a 30 year pay back, 44.75% reimbursement on eligible cost with a 3.263% interest cost

Estimated reimbursement on total project cost - 33%

\*\*\*Combined Effort based on FY16 Ch. 70 data

ESCO Project outstanding Debt Service calculated based on enrollment only.

<b>Enrollment Capacity</b>	628.0		
<b>Projected In-District Enrollment Debt &amp; Capital - Per Pupil Cost</b>	-524.4	PPC 8,121	
<b>Out-of-District Debt allocation</b>	<b>103.6</b>	<b>8,121</b>	<b>841,443</b>

Capital Allocation					
Debt Service - Yr. 1		Enrollment	Combined Effort	Capital Base Con.	
<b>Old Formula:</b>					
ESCO Debt	\$506,333				
		50.0%	34.0%	16.0%	100.0%
<b>New Formula:</b>					
Bldg. project					
Debt Service Yr. 1	\$5,100,000	\$2,550,000	\$1,734,000	\$816,000	-
OOD Capital Fee	(\$841,443)	(\$420,721)	(\$286,091)	(\$134,631)	
Debt Service Yr. 1	\$4,258,557	\$2,129,279	\$1,447,909	\$681,369	-
<b>Total Net Debt</b>	<b>\$4,764,890</b>				

Per Community

**Calculation Factor - Capital Base Contribution** **1.00%** (col. N)

**Minuteman Regional High School  
Capital Assessment Model  
Revised Agreement with 1 Student Minimum  
New School Project  
16 Member Towns**

<u>Calculation Factor - Enrollment Allocation</u>	For ESCO Debt only (col. D) Obligations for all current members	
	(col. B)	(col. C)
	Projected Enrollment Count as of October 2018	Debt/Capital Assessment Share
Acton	35	6.71%
Arlington	199	37.67%
Belmont	39	7.48%
Bolton	14	2.58%
Boxborough	5	1.03%
Carlisle	11	2.06%
Concord	16	3.10%
Dover	5	0.95%
Lancaster	44	8.26%
Lexington	56	10.71%
Lincoln	5	1.03%
Needham	30	5.68%
Stow	24	4.64%
Sudbury	33	6.19%
Wayland	5	0.95%
Weston	5	0.95%
<b>Total</b>	<b>527</b>	<b>100.00%</b>

<u>Calculation Factor - Enrollment Allocation</u>	For New Debt under Current Agreement (col. Q)	
	(col. B)	(col. C)
	Projected Enrollment Count as of October 2018	Debt/Capital Assessment Share
Acton	35	6.71%
Arlington	199	37.67%
Belmont	39	7.48%
Bolton	14	2.58%
Boxborough	5	1.03%
Carlisle	11	2.06%
Concord	16	3.10%
Dover	5	0.95%
Lancaster	44	8.26%
Lexington	56	10.71%
Lincoln	5	1.03%
Needham	30	5.68%
Stow	24	4.64%
Sudbury	33	6.19%
Wayland	5	0.95%
Weston	5	0.95%
<b>Total</b>	<b>527</b>	<b>100.00%</b>

Enrollment- Based on 4 year Rolling Average					Min Of 1		
	Projected Enrollment Count as of October 2018	Projected Enrollment Count as of October 2017	Projected Enrollment Count as of October 2016	Enrollment Count as of October 2015	Total Enrollment Based on 4 Year Rolling Average	Total Enrollment Based on 4 Year Rolling Average	Percent of Enrollment
Acton	35	33	30	33	33	33	7.13%
Arlington	199	184	170	120	168	168	36.48%
Belmont	39	37	34	26	34	34	7.36%
Bolton	14	13	12	9	12	12	2.54%
Boxborough	5	5	5	7	6	6	1.20%
Carlisle	11	10	9	5	9	9	1.91%
Concord	16	15	14	17	16	16	3.38%
Dover	4	4	3	2	3	3	0.72%
Lancaster	44	40	37	39	40	40	8.68%
Lexington	56	52	48	46	51	51	11.01%
Lincoln	5	5	5	11	7	7	1.42%
Needham	30	28	26	25	27	27	5.87%
Stow	24	23	21	13	20	20	4.40%
Sudbury	33	30	28	25	29	29	6.28%
Wayland	4	4	3	2	3	3	0.72%
Weston	4	4	3	5	4	4	0.88%
<b>Total</b>	<b>524</b>	<b>486</b>	<b>450</b>	<b>385</b>	<b>461</b>	<b>461</b>	<b>100.00%</b>

Calculation Factor - Ch. 70 Combined Effort Capital Allocation						
	Enrollment 4 year Rolling Average	FY16 Total Foundation Enrollment	MM Enrollment ÷ Community Foundation Enrollment	FY16 Total Combined Effort Yield	TOTAL - Combined Effort Yield @ Minuteman	Combined Effort Capital Assessment Share
Acton	33	4,742	0.69%	34,961,499	242,289	4.61%
Arlington	168	5,476	3.07%	61,393,360	1,885,872	35.87%
Belmont	34	4,186	0.81%	51,981,615	421,625	8.02%
Bolton	12	1,021	1.15%	8,270,398	94,907	1.81%
Boxborough	6	835	0.66%	7,931,428	52,591	1.00%
Carlisle	9	954	0.92%	12,756,643	117,982	2.24%
Concord	16	3,016	0.52%	55,415,833	286,814	5.46%
Dover	3	1,133	0.29%	27,457,742	80,942	1.54%
Lancaster	40	1,014	3.95%	6,863,926	271,056	5.16%
Lexington	51	6,894	0.74%	85,840,064	632,357	12.03%
Lincoln	7	887	0.74%	20,706,463	152,593	2.90%
Needham	27	5,389	0.50%	73,400,615	368,792	7.02%
Stow	20	1,308	1.55%	10,545,096	163,576	3.11%
Sudbury	29	4,166	0.70%	42,729,400	297,132	5.65%
Wayland	3	2,625	0.13%	41,019,010	52,191	0.99%
Weston	4	2,252	0.18%	75,498,814	136,434	2.60%
<b>Total</b>	<b>461</b>	<b>45,898</b>	<b>16.60%</b>	<b>616,771,906</b>	<b>5,257,153</b>	<b>100.00%</b>

**Minuteman Regional High School  
Capital Assessment Model  
Revised Agreement with 1 Student Minimum  
New School Project - Nine Member Towns**

50% ENROLLMENT - 34% CHAPTER 70 COMBINED EFFORT - 1% EACH MEMBER CAPITAL BASE CONTRIBUTION																		
	Projected Enrollment for Current Method Debt/Capital Assessment	Enrollment Method Debt/Capital Assessment Share	ESCO Lease Current Method \$506,333	Enrollment Basis				Chapter 70 - Combined Effort Basis			Capital Base Contribution Basis		Capital Assessment Revised Formula	Total Capital Assessment - Revised Agreement	Total Capital Assessment - Current Agreement	Difference (New Method - Current Method)	Per Pupil Costs Revised Agreement	
				Enrollment Debt/Capital Assessment	Debt/Capital Assessment Share	**Enrollment - 4 year rolling Average	Per Pupil Cost	Combined Effort Capital Assessment Share	Chapter 70 - Combined Effort	Per Pupil Cost	Capital Base Contribution	Per Pupil Cost						
Acton	35.4	7.18%	\$36,344	32.9	8.20%	\$152,515	\$4,641	5.55%	\$84,566	\$2,573	\$37,178	\$1,131	\$274,260	\$310,603	\$323,606	(\$13,003)	8,345.57	
Arlington	198.6	40.31%	\$204,084	168.2	42.00%	\$780,657	\$4,641	43.18%	\$658,226	\$3,913	\$37,178	\$221	\$1,476,061	\$1,680,146	\$1,817,174	(\$137,028)	8,775.06	
Belmont	39.5	8.01%	\$40,537	34.0	8.48%	\$157,573	\$4,641	9.65%	\$147,160	\$4,334	\$37,178	\$1,095	\$341,912	\$382,449	\$360,945	\$21,503	10,070.19	
Bolton	13.6	2.76%	\$13,978	11.7	2.93%	\$54,376	\$4,641	2.17%	\$33,125	\$2,827	\$37,178	\$3,173	\$124,679	\$138,658	\$124,464	\$14,194	10,641.35	
Boxborough	5.0	1.01%	\$5,137	0.0	0.00%	\$0	#DIV/0!	0.00%	\$0	#DIV/0!	\$0	#DIV/0!	\$0	\$5,137	\$5,137	\$0	#DIV/0!	
Carlisle	5.0	1.01%	\$5,137	0.0	0.00%	\$0	#DIV/0!	0.00%	\$0	#DIV/0!	\$0	#DIV/0!	\$0	\$5,137	\$5,137	\$0	#DIV/0!	
Concord	16.3	3.31%	\$16,774	15.6	3.90%	\$72,444	\$4,641	6.57%	\$100,107	\$6,413	\$37,178	\$2,382	\$209,729	\$226,503	\$149,357	\$77,146	13,435.73	
Dover	5.0	1.01%	\$5,137	0.0	0.00%	\$0	#DIV/0!	0.00%	\$0	#DIV/0!	\$0	#DIV/0!	\$0	\$5,137	\$5,137	\$0	#DIV/0!	
Lancaster	43.5	8.83%	\$44,731	40.0	10.00%	\$185,836	\$4,641	6.21%	\$94,607	\$2,363	\$37,178	\$928	\$317,621	\$362,352	\$398,285	(\$35,932)	7,932.05	
Lexington	56.5	11.46%	\$58,010	50.8	12.68%	\$235,695	\$4,641	14.48%	\$220,712	\$4,346	\$37,178	\$732	\$493,585	\$551,595	\$516,525	\$35,070	9,718.92	
Lincoln	5.0	1.01%	\$5,137	0.0	0.00%	\$0	#DIV/0!	0.00%	\$0	#DIV/0!	\$0	#DIV/0!	\$0	\$5,137	\$5,137	\$0	#DIV/0!	
Needham	29.9	6.07%	\$30,752	27.1	6.76%	\$125,660	\$4,641	8.44%	\$128,719	\$4,754	\$37,178	\$1,373	\$291,557	\$322,310	\$273,821	\$48,489	10,767.99	
Stow	24.5	4.97%	\$25,161	20.3	5.07%	\$94,163	\$4,641	3.75%	\$57,093	\$2,814	\$37,178	\$1,832	\$188,435	\$213,596	\$224,035	(\$10,439)	9,287.20	
Sudbury	5.0	1.01%	\$5,137	0.0	0.00%	\$0	#DIV/0!	0.00%	\$0	#DIV/0!	\$0	#DIV/0!	\$0	\$5,137	\$5,137	\$0	#DIV/0!	
Wayland	5.0	1.01%	\$5,137	0.0	0.00%	\$0	#DIV/0!	0.00%	\$0	#DIV/0!	\$0	#DIV/0!	\$0	\$5,137	\$5,137	\$0	#DIV/0!	
Weston	5.0	1.01%	\$5,137	0.0	0.00%	\$0	#DIV/0!	0.00%	\$0	#DIV/0!	\$0	#DIV/0!	\$0	\$5,137	\$5,137	\$0	#DIV/0!	
<b>Total</b>	<b>492.8</b>	<b>100.00%</b>	<b>\$506,333</b>	<b>400.5</b>	<b>100.00%</b>	<b>\$1,858,920</b>		<b>100.00%</b>	<b>\$1,524,314</b>		<b>\$334,606</b>		<b>\$3,717,839</b>	<b>\$4,224,172</b>	<b>\$4,224,172</b>	<b>(\$0)</b>	<b>9,281.89</b>	
						50%			41%		9%							

\*Current Method based on projected enrollment data (with 1 minimum)

\*\*Enrollment = 4 year Rolling Average

Project based on a 30 year pay back, 44.75% reimbursement on eligible cost with a 3.263% interest cost

Estimated reimbursement on total project cost - 33%

\*\*\*Combined Effort based on FY16 Ch. 70 data

ESCO Project outstanding Debt Service calculated based on enrollment only.

<b>Enrollment Capacity</b>	628.0		
<b>Projected In-District Enrollment Debt &amp; Capital - Per Pupil Cost</b>	-457.8	PPC	8,121
<b>Out-of-District Debt allocation</b>	170.2	8,121	1,382,161

Capital Allocation					
Debt Service - Yr. 1		Enrollment	Combined Effort	Capital Base Con.	
<b>Old Formula:</b>					
ESCO Debt	\$506,333				
		50.0%	41.0%	9.0%	100.0%
<b>New Formula:</b>					
Bldg. project					
Debt Service Yr. 1	\$5,100,000	\$2,550,000	\$2,091,000	\$459,000	-
OOD Capital Fee	(\$1,382,161)	(\$691,080)	(\$566,686)	(\$124,394)	-
Debt Service Yr. 1	\$3,717,839	\$1,858,920	\$1,524,314	\$334,606	-
<b>Total Net Debt</b>	\$4,224,172				

Per Community  
**Calculation Factor - Capital Base Contribution** 1.00% (col. N)

**Minuteman Regional High School  
Capital Assessment Model  
Revised Agreement with 1 Student Minimum  
New School Project - Nine Member Towns**

<u>Calculation Factor - Enrollment Allocation</u>	For ESCO Debt only (col. D) Obligations for all current members	
	(col. B)	(col. C)
	Projected Enrollment Count as of October 2018	Debt/Capital Assessment Share
Acton	35	7.18%
Arlington	199	40.31%
Belmont	39	8.01%
Bolton	14	2.76%
Boxborough	5	1.01%
Carlisle	5	1.01%
Concord	16	3.31%
Dover	5	1.01%
Lancaster	44	8.83%
Lexington	56	11.46%
Lincoln	5	1.01%
Needham	30	6.07%
Stow	24	4.97%
Sudbury	5	1.01%
Wayland	5	1.01%
Weston	5	1.01%
<b>Total</b>	<b>493</b>	<b>100.00%</b>

<u>Calculation Factor - Enrollment Allocation</u>	For New Debt under Current Agreement (col. Q)	
	Projected Enrollment Count as of October 2018	Debt/Capital Assessment Share
Acton	35	7.73%
Arlington	199	43.39%
Belmont	39	8.62%
Bolton	14	2.97%
Boxborough	0	0.00%
Carlisle	0	0.00%
Concord	16	3.57%
Dover	0	0.00%
Lancaster	44	9.51%
Lexington	56	12.33%
Lincoln	0	0.00%
Needham	30	6.54%
Stow	24	5.35%
Sudbury	0	0.00%
Wayland	0	0.00%
Weston	0	0.00%
<b>Total</b>	<b>458</b>	<b>100.00%</b>

	Enrollment- Based on 4 year Rolling Average				Min Of 1		Percent of Enrollment
	Projected Enrollment Count as of October 2018	Projected Enrollment Count as of October 2017	Projected Enrollment Count as of October 2016	Enrollment Count as of October 2015	Total Enrollment Based on 4 Year Rolling Average	Total Enrollment Based on 4 Year Rolling Average	
Acton	35	33	30	33	33	33	8.20%
Arlington	199	184	170	120	168	168	42.00%
Belmont	39	37	34	26	34	34	8.48%
Bolton	14	13	12	9	12	12	2.93%
Boxborough	0	0	0	0	0	0	0.00%
Carlisle	0	0	0	0	0	0	0.00%
Concord	16	15	14	17	16	16	3.90%
Dover	0	0	0	0	0	0	0.00%
Lancaster	44	40	37	39	40	40	10.00%
Lexington	56	52	48	46	51	51	12.68%
Lincoln	0	0	0	0	0	0	0.00%
Needham	30	28	26	25	27	27	6.76%
Stow	24	23	21	13	20	20	5.07%
Sudbury	0	0	0	0	0	0	0.00%
Wayland	0	0	0	0	0	0	0.00%
Weston	0	0	0	0	0	0	0.00%
<b>Total</b>	<b>458</b>	<b>424</b>	<b>392</b>	<b>328</b>	<b>401</b>	<b>401</b>	<b>100.00%</b>

	Calculation Factor - Ch. 70 Combined Effort Capital Allocation					
	Enrollment 4 year Rolling Average	FY16 Total Foundation Enrollment	MM Enrollment ÷ Community Foundation Enrollment	FY16 Total Combined Effort Yield	TOTAL - Combined Effort Yield @ Minuteman	Combined Effort Capital Assessment Share
Acton	33	4,742	0.69%	34,961,499	242,289	5.55%
Arlington	168	5,476	3.07%	61,393,360	1,885,872	43.18%
Belmont	34	4,186	0.81%	51,981,615	421,625	9.65%
Bolton	12	1,021	1.15%	8,270,398	94,907	2.17%
Boxborough	0	835	0.00%	7,931,428	-	0.00%
Carlisle	0	954	0.00%	12,756,643	-	0.00%
Concord	16	3,016	0.52%	55,415,833	286,814	6.57%
Dover	0	1,133	0.00%	27,457,742	-	0.00%
Lancaster	40	1,014	3.95%	6,863,926	271,056	6.21%
Lexington	51	6,894	0.74%	85,840,064	632,357	14.48%
Lincoln	0	887	0.00%	20,706,463	-	0.00%
Needham	27	5,389	0.50%	73,400,615	368,792	8.44%
Stow	20	1,308	1.55%	10,545,096	163,576	3.75%
Sudbury	0	4,166	0.00%	42,729,400	-	0.00%
Wayland	0	2,625	0.00%	41,019,010	-	0.00%
Weston	0	2,252	0.00%	75,498,814	-	0.00%
<b>Total</b>	<b>401</b>	<b>45,898</b>	<b>12.98%</b>	<b>616,771,906</b>	<b>4,367,288</b>	<b>100.00%</b>