

Medfield Debt Service

Debt Exclusion (Outside of Proposition 2 1/2)	Total Project Cost	Total Principal and Interest Payments			
		FY2021	FY2022	FY2023	FY2024
DPW Town Garage Construction	\$9,500,000	\$ 651,125	\$ 651,550	\$ 650,125	\$ 647,888
The CENTER at Medfield Construction	\$2,000,000	\$ 129,240	\$ 116,032	\$ 129,675	\$ 133,575
The CENTER at Medfield Construction	\$800,000	\$ 53,745	\$ 49,137	\$ 47,250	\$ 40,176
Public Safety Building Construction	\$18,000,000	\$ 1,361,225	\$ 1,320,225	\$ 1,279,225	\$ 1,238,225
High School, Middle School, Memorial Plans	\$3,000,000	\$ 135,200			
High School, Middle School, Memorial Projects	\$10,000,000	\$ 464,000	\$ 436,800		
High School, Middle School, Memorial Projects	\$23,620,000	\$ 1,175,500	\$ 1,123,375	\$ 1,071,125	
Phase 1B Sewer Extension Projects	\$1,310,000	\$ 46,904			
Phase 1C Sewer Extension Projects	\$4,000,000	\$ 182,000			
Granite Street Sewer Extension Project	\$1,700,000	\$ 81,000	\$ 78,000		
Land Acquisition - Sawmill Brook	\$1,550,000	\$ 118,750	\$ 109,503	\$ 104,750	\$ 100,700
Land Acquisition.- Amnot / Mapleleaf Farm	\$600,000	\$ 36,105	\$ 33,058	\$ 31,625	\$ 30,250
Land Acquisition - Red Gate Farm	\$1,360,000	\$ 99,169	\$ 97,769	\$ 95,669	\$ 92,869
Land Acquisition - Medfield State Hospital	\$3,100,000.00	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000
Non-Debt Exclusion					
The CENTER at Medfield Design	\$158,500	\$ 10,805	\$ 10,318		
Fire Engine	\$375,000	\$ 27,012	\$ 25,793		
DPW Town Garage Solar	\$240,000	\$ 32,600	\$ 31,400	\$ 30,200	\$ 29,000
High School Turf Field	\$1,500,000	\$ 123,000	\$ 121,000	\$ 119,000	\$ 117,000
Replacement Engine 3	\$500,000		\$ 66,133	\$ 71,500	\$ 69,000
DPW Dump Truck	\$188,000		\$ 12,378	\$ 6,500	\$ 6,250
Sidewalk Tractor	\$180,000		\$ 36,050	\$ 32,500	\$ 31,250
West Street Mill and Overlay	\$150,000		\$ 30,042	\$ 31,250	\$ 25,000
Sewer Enterprise Fund					
Wastewater Treatment Plant Improvements	\$2,300,000	\$ 108,000	\$ 104,000		
MWPAT Inflow and Infiltration	\$1,009,030	\$ 61,714	\$ 61,636	\$ 61,557	\$ 61,474
MWPAT Inflow and Infiltration	\$400,000	\$ 24,606	\$ 24,606	\$ 24,606	\$ 24,607
Wastewater Treatment Plant Repairs	\$400,000	\$ 24,800	\$ 23,900	\$ 22,900	\$ 22,188
Wastewater Treatment Plant Solar Installation	\$370,000	\$ 42,400	\$ 40,600	\$ 38,800	\$ 37,000
Water Enterprise Fund					
Forest Street Water Main	\$200,000	\$ 10,296			
Causeway Street Water Main	\$800,000	\$ 37,600	\$ 31,200		
Granite Street Water Main	\$400,000	\$ 29,688	\$ 27,539	\$ 26,450	\$ 25,300
Water Main Replacements	\$1,400,000	\$ 117,200	\$ 112,925	\$ 108,175	\$ 99,844
Medfield State Hospital Water Tower	\$5,840,000	\$ 421,138	\$ 415,238	\$ 406,388	\$ 389,688
Mt. Nebo Water Tower Rehabilitation	\$205,000		\$ 31,621	\$ 28,600	\$ 27,600
New Wells 3 and 4 Water Treatment Plant	\$11,500,000		\$ 764,852	\$ 852,400	\$ 826,400
Total		\$ 5,914,821	\$ 6,296,679	\$ 5,580,269	\$ 4,385,283

Project	Data	Total	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Hlth Septic Loan (int free)	8/01 Princ.	0														
HS/M/M Sch Const	9/15 Int.	151,625	26125													
\$23,620,000 (3.78%)	3/15 Princ	3,140,000	1045000													
Sold 9/4/02	3/15 Int.	78,375	0													
REFUN 07/12 1.265%																
Senior Center Const	12/1 Int.	29,996	8838	6,038	3,000											
#21 atm 4.26.04	6/1 Prin.	559,264	112,000	121,500	120,000											
Dated 6/1/07	6/1 Int.	45,262	8,837	6,037	3,000											
Senior Center Const	12/1 Int.	10,010	2,875	1,838	925											
#18 atm 6/5/06 \$800K	6/1 Prin.	203,800	41,500	36,500	37,000											
Dated 6/1/2007	6/1 Int.	15,348	2,875	1,838	925											
Amnot Land Purchase	12/1 Int.	7,177	2,063	1,375	687											
#35 atm 4/26/04 \$600K	6/1 Prin.	141,800	27,500	27,500	27,500											
Dated 6/1/2007	6/1 Int.	10,936	2,062	1,375	688											
DPW Garage	9/15 Int	1,024,758	108,088	102,038	95,850	88,875	81,675	74,250	65,962	56,775	46,556	35,963	24,900	12700		
stm 4/29/13 #27 \$9.5M	9/15 Princ	7,160,000	440,000	450,000	465,000	480,000	495,000	510,000	525,000	545,000	565,000	590,000	610,000	635000		
dated 9/24/2013	3/15 Int	907,092	102,037	95,850	88,875	81,675	74,250	65,963	56,775	46,556	35,962	24,900	12,700	0		
Red Gate Fam Land	4/15 Int	104,391	12,134	10,734	9,334	8,547	7,759	6,947	5,972	4,997	4,022	3,047	2,072	1,056		
stm 10/7/13	10/15 Princ	1,010,000	70,000	70,000	70,000	70,000	70,000	65,000	65,000	65,000	65,000	65,000	65,000	65000	65,000	
	10/15 Int	119,325	13,534	12,134	10,734	9,334	8,547	7,759	6,947	5,972	4,997	4,022	3,047	2,072	1,056	
Public Safety Building	5/15 Int	2,048,625	229,613	209,113	188,613	168,113	147,613	131,213	114,813	94,313	81,500	65,200	48,900	32,600	16,300	
\$18m stm 3/23/15 3.033%	5/15 Princ	12,275,000	820,000	820,000	820,000	820,000	820,000	820,000	820,000	820,000	815,000	815,000	815,000	815,000	815,000	
	11/15 Int	2,048,625	229,613	209,113	188,613	168,113	147,613	131,213	114,813	94,313	81,500	65,200	48,900	32,600	16,300	
Principal Payments	PRINCIPAL	26,311,964	2,647,000	1,617,000	1,632,000	1,370,000	1,385,000	1,395,000	1,410,000	1,430,000	1,445,000	1,470,000	1,490,000	1,515,000	880,000	
Interest Payments	INTEREST	6,734,178	762,444	666,683	595,870	524,656	467,456	417,344	365,281	302,925	254,537	198,332	140,519	81,028	33,656	
Total Debt Payments		33,046,142	3,409,444	2,283,683	2,227,870	1,894,656	1,852,456	1,812,344	1,775,281	1,732,925	1,699,537	1,668,332	1,630,519	1,596,028	913,656	

Project	Data	Total	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Non-Exclusion General Fund Debt																
Town Hall Renovation	10/1 Int.	0														
\$2,300,000	4/1 Princ.	0														
Dated 4/1/97 REF 8/05	4/1 Int.	0														
Cap Landfill	10/1 Int.	0														
\$800,000	4/1 Princ.	0														
Dated 4/1/97 REF 8/05	4/1 Int.	0														
Land Acquisition (4)	10/1 Int.	0														
\$745,000	4/1 Princ.	0														
Dated 4/1/97 REF 8/05	4/1 Int.	0														
Land Acqu(2) Hol & Wal	8/15 Int.	0														
Art 1 9/98 & 6/99	8/15 Prin.	0														
\$2,300,000 REF 8/05	2/15 Int.	0														
Senior Center Plans	12/1 Int.	403														
Art 7 stm6/10/02 \$158.5	6/1 Princ.	19,982														
Dated 6/1/07	6/1 Int.	738														
DPW St.Sweeper \$106K	12/1 Int.	0														
Art 16 atm 4/24/06	6/1 Princ.	0														
Dated 6/1/2007	6/1 Int.	0														
Fire Truck \$375K	12/1 Int.	1,006														
Art 19 atm 4/24/06	6/1 Princ.	49,954														
Dated 6/1/2007	6/1 Int.	1,845														
Town Garage Solar Array	5/15 Int	9,000	1,800	1,200	600											
\$240,000 @2.015%	5/15 Princ	133,000	26,600	26,600	26,600											
	11/15 Int	9,000	1,800	1,200	600											
MHS Athl Field Renovation	8/1 Int.	78,000	10,000	9,000	8,000	7,000	6,000	5,000	4,000	3,000	2,000	1,000				
\$1.5M 2/1/2016	8/1 Princ	1,200,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000				
dated 8/11/16 2.04%	2/1 Int.	66,000	9,000	8,000	7,000	6,000	5,000	4,000	3,000	2,000	1,000					
Fire Engine	12/01 Int	51,750	10,750	9,500	8,250	7,000	5,750	4,500	3,250	2,000	750					
\$500K 9/29/21 1.46%	06/01 Princ	500,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000					
ATM 5/2021 art 11	06/01 Int	67,883	10,750	9,500	8,250	7,000	5,750	4,500	3,250	2,000	750					
Mack Dump Truck	12/01 Int	2,625	750	625	500	375	250	125								
\$41,000 9/29/2021 1.46%	6/01 Princ	41,000	5,000	5,000	5,000	5,000	5,000	5,000								
ATM 5/2021 art 11	6/01 Int	4,004	750	625	500	376	250	125								
Sidewalk Tractor	12/01 int	13,125	3,750	3,125	2,500	1,875	1,250	625								
\$180,000 9/29/2021 1.46%	6/01 Princ	180,000	25,000	25,000	25,000	25,000	25,000	25,000								
ATM 5/2021 art 11	6/01 Int	19,175	3,750	3,125	2,500	1,875	1,250	625								
Street Construction WEST	12/01 int	10,625	3,125	2,500	2,000	1,500	1,000	500								
\$150,000 9/29/2021 1.46%	6/01 Princ	150,000	25,000	20,000	20,000	20,000	20,000	20,000								
ATM 5/2021 art 11	6/01 Int	15,667	3,125	2,500	2,000	1,500	1,000	500								
Principal Payments	PRINCIPAL	2,273,936	231,600	226,600	226,600	200,000	200,000	200,000	150,000	150,000	150,000	100,000	0			
Interest Payments	INTEREST	350,846	59,350	50,900	42,700	34,501	27,500	20,500	13,500	9,000	4,500	1,000	0			
Total Non Exclusion General Debt Payments		2,624,782	290,950	277,500	269,300	234,501	227,500	220,500	163,500	159,000	154,500	101,000				

Project	Data	Total	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Non-Exclusion Water Enterprise Fund Debt																
Well #6	8/1 Int.	0														
\$1,600,000	2/1 Princ.	0														
Dated 2/1/96 Ref7-05	2/1 Int.	0														
Water Treatment	8/1 Int.	0														
\$500,000	2/1 Princ.	0														
Dated 2/1/96 Ref7-05	2/1 Int.	0														
Causeway Water Main	9/15 Int.	1,900														
\$800,000	3/15 Princ.	65,000														
Sold 3/5/02 ref 3/12	3/15 Int.	1,900														
Forest St. Water main	09/15 Int.	198														
\$200,000 REF 3.1.12	03/15 Princ.	9,900														
Alloc. Fr Bsewer \$1,310,	03/15 Int	198														
Granite St. Water main	12/15 Int.	5,794	1,725	1,150	575											
\$400,000	6/15 Princ.	118,400	23,000	23,000	23,000											
Atm6/09 #26 sold 6/10	6/15 Int.	8,933	1,725	1,150	575											
Water Main Rep-Green	9/15 Int	46,738	7,775	5,400	4,444	3,431	2,306	1,182								
\$1.4M 1.496%	9/15 Prin	735,000	95,000	90,000	90,000	90,000	90,000	90,000								
sold 7/12/12	3/15 Int	34,687	5,400	4,444	3,431	2,306	1,181	0								
Hospital Water Tower	4/15 Int	458,994	52,744	46,944	41,144	37,882	34,619	30,994	26,644	22,294	17,944	13,594	9,244	4,713		
\$5.840M	10/15 Princ	4,365,000	295,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000
4/28/14 atm	10/15 Int	523,538	58,644	52,744	46,944	41,144	37,882	34,619	30,994	26,644	22,294	17,944	13,594	9,244	4,713	
Water Tower Painting	12/15 Int	20,700	4,300	3,800	3,300	2,800	2,300	1,800	1,300	800	300					
\$205,000 1.46% 9/29/21	6/01 Princ	205,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000					
atm 4/30/18	6/30 Int	27,321	4,300	3,800	3,300	2,800	2,300	1,800	1,300	800	300					
Water Treatment Plant	12/01 Int	1,314,700	166,200	153,200	140,200	127,200	114,200	101,200	88,200	75,200	62,200	54,400	46,600	41,400	36,200	31,000
\$10,383,800 1.46% 9/29/21	06/01 Prin	10,383,800	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000
atm 5/17/21 art 13	06/30 Int	1,555,752	166,200	153,200	140,200	127,200	114,200	101,200	88,200	75,200	62,200	54,400	46,600	41,400	36,200	31,000
Water Principal Payments	PRINCIPAL	15,882,100	953,000	943,000	943,000	920,000	920,000	920,000	830,000	830,000	830,000	810,000	810,000	810,000	810,000	520,000
Water Interest Payments	INTEREST	4,001,353	469,013	425,832	384,113	344,763	308,988	272,795	236,638	200,938	165,238	140,338	116,038	96,756	77,113	62,000
Total Water Debt Payments		19,883,453	1,422,013	1,368,832	1,327,113	1,264,763	1,228,988	1,192,795	1,066,638	1,030,938	995,238	950,338	926,038	906,756	887,113	582,000

Project	Data	Total	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Non-Exclusion Sewer Enterprise Fund Debt																
WWTP Improvements	9/15 Int.	6,000														
\$2,300,000	3/15 Prin.	200,000														
Sold 3/5/02 REF 3.1.12	3/15 Int.	6,000														
MWPAT-CW08-08	7/15/09 fees	3,492	558	476	394	309	223	135	45							
\$1,009,030 I reduction	7/15/09 pr	502,432	53,565	54,647	55,751	56,878	58,027	59,199	60,395							
	7/15/09 int	46,558	7,434	6,351	5,248	4,121	2,972	1,800	604							
WWTP & Sewer-repairs	9/15 Int	10,225	1,700	1,200	988	763	512	262								
\$400,000 1.496%	9/15 Princ	160,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000							
sold 7/12/12	3/15 Int	7,625	1,200	988	763	512	262	0								
MWPAT-CW10-10	07/15 Int	21,903	2,591	2,380	2,165	1,944	1,719	1,489	1,254	1,014	769	518	262			
\$400K WWTP-flotation	07/15 Princ	279,079	19,635	20,062	20,498	20,943	21,398	21,863	22,339	22,824	23,320	23,827	24,345			
thickeners	01/15 Int	18,903	2,380	2,165	1,944	1,719	1,489	1,254	1,014	769	518	262	-			
WWTP Solar Array	05/15 Int	13,500	2,700	1,800	900											
\$370,000 STM 3/23/15	05/15 Prin	167,000	33,400	33,400	33,400											
@ 2.015%	11/15 Int	13,500	2,700	1,800	900											
Sewer Principal Payments	PRINCIPAL	1,308,511	126,600	128,109	129,649	97,821	99,425	101,062	82,734	22,824	23,320	23,827	24,345	0	0	0
Sewer Interest Payments	INTEREST	147,706	21,263	17,160	13,302	9,368	7,177	4,940	2,917	1,783	1,287	780	262	0	0	0
Total Sewer Debt Payments		1,456,217	147,863	145,269	142,951	107,189	106,602	106,002	85,651	24,607	24,607	24,607	24,607	0	0	0
Total Bonded Principal		45,776,511	3,958,200	2,914,709	2,931,249	2,587,821	2,604,425	2,616,062	2,472,734	2,432,824	2,448,320	2,403,827	2,324,345	2,325,000	1,690,000	520,000
Total Bonded Interest		11,234,083	1,312,069	1,160,574	1,035,984	913,288	811,121	715,579	618,335	514,645	425,561	340,449	256,818	177,784	110,769	62,000
Total Bonded Debt		57,010,594	5,270,269	4,075,283	3,967,233	3,501,109	3,415,546	3,331,641	3,091,069	2,947,469	2,873,881	2,744,276	2,581,163	2,502,784	1,800,769	582,000
MS Hospital Land Purchase																
Principal		1,395,000	\$310,000	310,000	155,000											
Interest		0														
GRAND TOTAL DEBT		58,405,594	5,580,269	4,385,283	4,122,233	3,501,109	3,415,546	3,331,641	3,091,069	2,947,469	2,873,881	2,744,276	2,581,163	2,502,784	1,800,769	582,000
GRAND TOTAL PRIN.		47,171,511	4,268,200	3,224,709	3,086,249	2,587,821	2,604,425	2,616,062	2,472,734	2,432,824	2,448,320	2,403,827	2,324,345	2,325,000	1,690,000	520,000
GRAND TOTAL INT.		11,234,083	1,312,069	1,160,574	1,035,984	913,288	811,121	715,579	618,335	514,645	425,561	340,449	256,818	177,784	110,769	62,000
GRAND TOTAL DEBT		58,405,594	5,580,269	4,385,283	4,122,233	3,501,109	3,415,546	3,331,641	3,091,069	2,947,469	2,873,881	2,744,276	2,581,163	2,502,784	1,800,769	582,000