

CITY OF KALAMAZOO
DEBT SERVICE SCHEDULE

As of: January 1, 2020

City Debt Issues	Remaining Debt				2020			2021		
	Original Issue Amount	Gross Principal Outstanding	Self-Supporting	Net	Principal	Interest	Total	Principal	Interest	Total
Building Authority Bonds:										
Dated: 8/4/15 2015B Building Authority Refunding	\$ 8,620,000	\$ 6,330,000	\$ 6,330,000	\$ -	\$ 540,000	\$ 235,789	\$ 775,789	\$ 560,000	\$ 222,343	\$ 782,343
Dated: 8/14/15 2015A Building Authority Refunding	\$ 7,465,000	\$ 5,220,000	\$ -	\$ 5,220,000	\$ 240,650	\$ 650,000	\$ 890,650	\$ 680,000	\$ 214,650	\$ 894,650
Dated: 3/1/11 2011 Building Authority Refunding	\$ 4,105,000	\$ 1,430,000	\$ -	\$ 1,430,000	\$ 180,000	\$ 63,413	\$ 243,413	\$ 185,000	\$ 56,213	\$ 241,213
Subtotal	\$ 20,190,000	\$ 12,980,000	\$ 6,330,000	\$ 6,650,000	\$ 960,650	\$ 949,201	\$ 1,909,851	\$ 1,425,000	\$ 493,205	\$ 1,918,205
Michigan Transportation Fund Bonds:										
Dated: 7/14/16 2016 Michigan Transportation Fund Refunding	\$ 1,645,000	\$ 975,000	\$ 975,000	\$ -	\$ 320,000	\$ 11,655	\$ 331,655	\$ 325,000	\$ 7,043	\$ 332,043
Subtotal	\$ 1,645,000	\$ 975,000	\$ 975,000	\$ -	\$ 320,000	\$ 11,655	\$ 331,655	\$ 325,000	\$ 7,043	\$ 332,043
Wastewater Bonds:										
Dated: 6/25/19 2019 Wastewater Supply System	\$ 9,600,000	\$ 9,600,000	\$ 9,600,000	\$ -	\$ 220,000	\$ 347,900	\$ 567,900	\$ 235,000	\$ 336,900	\$ 571,900
Dated: 5/23/18 2018 Wastewater Supply System	\$ 5,830,000	\$ 5,695,000	\$ 5,695,000	\$ -	\$ 140,000	\$ 216,179	\$ 356,179	\$ 150,000	\$ 209,179	\$ 359,179
Dated: 5/1/13 2014 Wastewater Supply Systems Refunding	\$ 2,285,000	\$ 1,830,000	\$ 1,830,000	\$ -	\$ 95,000	\$ 63,135	\$ 158,135	\$ 100,000	\$ 59,858	\$ 159,858
Dated: 3/29/12 2012 Wastewater Supply Systems	\$ 6,100,000	\$ 4,335,000	\$ 4,335,000	\$ -	\$ 280,000	\$ 155,508	\$ 435,508	\$ 290,000	\$ 147,948	\$ 437,948
Dated: 7/26/11 2011 Wastewater Supply Systems Refunding	\$ 2,815,000	\$ 360,000	\$ 360,000	\$ -	\$ 360,000	\$ 11,700	\$ 371,700	\$ -	\$ -	\$ -
Subtotal	\$ 26,630,000	\$ 21,820,000	\$ 21,820,000	\$ -	\$ 1,095,000	\$ 794,421	\$ 1,889,421	\$ 775,000	\$ 753,884	\$ 1,528,884
Water Bonds:										
Dated: 6/25/19 2019 Water Supply System Revenue	\$ 10,270,000	\$ 10,270,000	\$ 10,270,000	\$ -	\$ 240,000	\$ 369,000	\$ 609,000	\$ 250,000	\$ 357,000	\$ 607,000
Dated: 5/23/18 2018 Water Supply System Revenue	\$ 9,395,000	\$ 9,160,000	\$ 9,160,000	\$ -	\$ 240,000	\$ 327,600	\$ 567,600	\$ 250,000	\$ 318,000	\$ 568,000
Dated: 5/2/17 2017 Water Supply Systems Revenue	\$ 7,860,000	\$ 6,930,000	\$ 6,930,000	\$ -	\$ 345,000	\$ 253,319	\$ 598,319	\$ 355,000	\$ 242,969	\$ 597,969
Dated: 12/10/15 2015 Water Supply Systems Revenue	\$ 3,035,000	\$ 2,655,000	\$ 2,655,000	\$ -	\$ 90,000	\$ 81,775	\$ 171,775	\$ 90,000	\$ 79,975	\$ 169,975
Dated: 5/1/14 2014 Water Supply Systems Refunding	\$ 11,170,000	\$ 9,705,000	\$ 9,705,000	\$ -	\$ 430,000	\$ 383,348	\$ 813,348	\$ 440,000	\$ 366,363	\$ 806,363
Subtotal	\$ 41,730,000	\$ 38,720,000	\$ 38,720,000	\$ -	\$ 1,345,000	\$ 1,415,041	\$ 2,760,041	\$ 1,385,000	\$ 1,364,306	\$ 2,749,306
Other Post Employment Benefit Bonds:										
Dated: 1/22/15 2015 Limited Tax GO - OPEB Bonds	\$ 90,955,000	\$ 81,305,000	\$ 81,305,000	\$ -	\$ 1,995,000	\$ 3,481,503	\$ 5,476,503	\$ 2,050,000	\$ 3,429,394	\$ 5,479,394
Subtotal	\$ 90,955,000	\$ 81,305,000	\$ 81,305,000	\$ -	\$ 1,995,000	\$ 3,481,503	\$ 5,476,503	\$ 2,050,000	\$ 3,429,394	\$ 5,479,394
Capital Improvement Bonds:										
Dated: 5/23/18 2018 Capital Improvement	\$ 7,750,000	\$ 7,365,000	\$ -	\$ 7,365,000	\$ 400,000	\$ 269,925	\$ 669,925	\$ 415,000	\$ 261,775	\$ 676,775
Dated: 8/29/17 2017 Capital Improvement	\$ 3,780,000	\$ 3,370,000	\$ -	\$ 3,370,000	\$ 710,000	\$ 63,693	\$ 773,693	\$ 735,000	\$ 50,274	\$ 785,274
Dated: 5/2/17 2017 Capital Improvement	\$ 7,985,000	\$ 6,820,000	\$ -	\$ 6,820,000	\$ 440,000	\$ 283,450	\$ 723,450	\$ 455,000	\$ 265,850	\$ 720,850
Dated: 7/19/16 2016 Capital Improvement	\$ 5,580,000	\$ 4,700,000	\$ -	\$ 4,700,000	\$ 330,000	\$ 181,400	\$ 511,400	\$ 345,000	\$ 167,900	\$ 512,900
Dated: 6/2/15 2015 Capital Improvement	\$ 5,150,000	\$ 3,940,000	\$ -	\$ 3,940,000	\$ 320,000	\$ 114,838	\$ 434,838	\$ 320,000	\$ 106,838	\$ 426,838
Dated: 5/1/14 2014 Capital Improvement	\$ 5,660,000	\$ 3,175,000	\$ -	\$ 3,175,000	\$ 290,000	\$ 87,264	\$ 377,264	\$ 295,000	\$ 78,840	\$ 373,840
Dated: 4/11/13 2013 Capital Improvement	\$ 4,200,000	\$ 2,630,000	\$ -	\$ 2,630,000	\$ 270,000	\$ 57,250	\$ 327,250	\$ 275,000	\$ 51,800	\$ 326,800
Dated: 3/29/12 2012 Capital Improvement	\$ 4,400,000	\$ 2,530,000	\$ -	\$ 2,530,000	\$ 290,000	\$ 81,833	\$ 371,833	\$ 295,000	\$ 74,003	\$ 369,003
Dated: 7/14/11 2011 Capital Improvement	\$ 4,685,000	\$ 2,505,000	\$ -	\$ 2,505,000	\$ 315,000	\$ 99,300	\$ 414,300	\$ 330,000	\$ 88,275	\$ 418,275
Dated: 7/8/10 2010 Capital Improvement	\$ 2,855,000	\$ 1,325,000	\$ -	\$ 1,325,000	\$ 200,000	\$ 53,000	\$ 253,000	\$ 205,000	\$ 45,000	\$ 250,000
Subtotal	\$ 52,045,000	\$ 38,360,000	\$ -	\$ 38,360,000	\$ 3,565,000	\$ 1,291,952	\$ 4,856,952	\$ 3,670,000	\$ 1,190,554	\$ 4,860,554
Grand Total:	\$ 233,195,000	\$ 194,160,000	\$ 149,150,000	\$ 45,010,000	\$ 9,280,650	\$ 7,943,773	\$ 17,224,423	\$ 9,630,000	\$ 7,238,385	\$ 16,868,385

*Not receiving until December

City of Kalamazoo - 392020
2015B Building Authority Refunding Bond
8/4/2015

Original Issue Amnt: \$8,620,000
 Debt Instrument: Bond
 Repayment Source: DDA Tax Capture

Annual Total				
	Interest	Principal	PA Fee	Total
2015	42,378.17	205,000.00		247,378.17
2016	266,544.50	505,000.00		771,544.50
2017	263,060.00	515,000.00		778,060.00
2018	256,674.00	530,000.00	500	787,174.00
2019	247,505.00	535,000.00	500	783,005.00
2020	235,788.50	540,000.00	500	776,288.50
2021	222,342.50	560,000.00	500	782,842.50
2022	206,214.50	570,000.00	500	776,714.50
2023	188,088.50	590,000.00	500	778,588.50
2024	167,674.50	615,000.00	500	783,174.50
2025	145,165.50	635,000.00	500	780,665.50
2026	120,654.50	665,000.00	500	786,154.50
2027	93,655.50	690,000.00	500	784,155.50
2028	64,606.50	715,000.00	500	780,106.50
2029	33,075.00	750,000.00	500	783,575.00
	2,553,427.17	8,620,000.00	4,500.00	11,179,427.17

City of Kalamazoo - 392020 2015A Building Authority Refunding Bond 8/4/2015
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Original Issue Amnt: \$7,465,000
 Debt Instrument: Bond
 Repayment Source: DDA Tax Capture

Annual Total				
	Interest	Principal	PA Fee	Total
2015	49,186.26			49,186.26
2016	310,650.00	390,000.00		700,650.00
2017	302,850.00	600,000.00		902,850.00
2018	290,850.00	615,000.00	500	906,350.00
2019	266,250.00	640,000.00	500	906,750.00
2020	240,650.00	650,000.00	500	891,150.00
2021	214,650.00	680,000.00	500	895,150.00
2022	187,450.00	705,000.00	500	892,950.00
2023	159,250.00	745,000.00	500	904,750.00
2024	122,000.00	775,000.00	500	897,500.00
2025	83,250.00	805,000.00	500	888,750.00
2026	43,000.00	860,000.00	500	903,500.00
	2,270,036.26	7,465,000.00	4,500.00	9,739,536.26

City of Kalamazoo - 392020
2011 Building Authority Refunding Bond
3/1/2011

Original Issue Amnt: \$4,105,000
 Debt Instrument: Bond
 Repayment Source: General Fund and KMGA

	Annual Total			
	Interest	Principal	PA Fee	Total
2011	84,065.63	245,000.00	100	329,165.63
2012	139,212.50	315,000.00	100	454,312.50
2013	132,912.51	320,000.00	100	453,012.51
2014	126,512.50	335,000.00	100	461,612.50
2015	116,462.50	360,000.00	100	476,562.50
2016	105,662.50	350,000.00	750	456,412.50
2017	93,412.50	285,000.00	750	379,162.50
2018	82,012.50	295,000.00	500	377,512.50
2019	70,212.50	170,000.00	500	240,712.50
2020	63,412.50	180,000.00	500	243,912.50
2021	56,212.50	185,000.00	500	241,712.50
2022	48,350.00	195,000.00	500	243,850.00
2023	40,062.50	200,000.00	500	240,562.50
2024	31,312.50	210,000.00	500	241,812.50
2025	21,862.50	225,000.00	500	247,362.50
2026	11,456.26	235,000.00	500	246,956.26
	1,223,134.40	4,105,000.00	6,500.00	5,334,634.40

City of Kalamazoo - 392020 2016 Michigan Transportation Fund Refunding Bond 7/14/2016
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Original Issue Amnt: \$1,645,000.00

Debt Instrument: Bond

Repayment Source: Streets Revenue

Annual Total				
	Interest	Principal	PA Fee	Total
2016	5,031.42	-	-	5,031.42
2017	23,309.00	30,000.00	-	53,309.00
2018	20,806.50	320,000.00	-	340,806.50
2019	16,230.50	320,000.00	-	336,230.50
2020	11,654.50	320,000.00	-	331,654.50
2021	7,042.75	325,000.00	-	332,042.75
2022	2,359.50	330,000.00	-	332,359.50
	86,434.17	1,645,000.00	-	1,731,434.17

City of Kalamazoo
2019 Waste Water Refunding Bond
6/25/2019

Original Issue Amount: \$ 9,600,000.00
 Debt Instrument: Bond
 Repayment Source: Waste Water Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2019	92,773.33	-	500.00	93,273.33
2020	347,900.00	220,000.00	500.00	568,400.00
2021	336,900.00	235,000.00	500.00	572,400.00
2022	325,150.00	245,000.00	500.00	570,650.00
2023	312,900.00	255,000.00	500.00	568,400.00
2024	300,150.00	270,000.00	500.00	570,650.00
2025	286,650.00	285,000.00	500.00	572,150.00
2026	272,400.00	300,000.00	500.00	572,900.00
2027	257,400.00	315,000.00	500.00	572,900.00
2028	241,650.00	330,000.00	500.00	572,150.00
2029	225,150.00	345,000.00	500.00	570,650.00
2030	211,350.00	360,000.00	500.00	571,850.00
2031	196,950.00	375,000.00	500.00	572,450.00
2032	181,950.00	390,000.00	500.00	572,450.00
2033	170,250.00	400,000.00	500.00	570,750.00
2034	158,250.00	410,000.00	500.00	568,750.00
2035	145,950.00	425,000.00	500.00	571,450.00
2036	133,200.00	435,000.00	500.00	568,700.00
2037	120,150.00	450,000.00	500.00	570,650.00
2038	106,650.00	465,000.00	500.00	572,150.00
2039	92,700.00	480,000.00	500.00	573,200.00
2040	78,300.00	490,000.00	500.00	568,800.00
2041	63,600.00	505,000.00	500.00	569,100.00
2042	48,450.00	520,000.00	500.00	568,950.00
2043	32,850.00	540,000.00	500.00	573,350.00
2044	16,650.00	555,000.00	500.00	572,150.00
	4,756,273.33	9,600,000.00	13,000.00	14,369,273.33

City of Kalamazoo
2018 Waste Water Refunding Bond
5/23/2018

Original Issue Amount: \$ 5,830,000.00
 Debt Instrument: Bond
 Repayment Source: Waste Water Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2018	79,263.56	-	500.00	79,763.56
2019	222,928.76	135,000.00	500.00	358,428.76
2020	216,178.76	140,000.00	500.00	356,678.76
2021	209,178.76	150,000.00	500.00	359,678.76
2022	201,678.76	155,000.00	500.00	357,178.76
2023	193,928.76	165,000.00	500.00	359,428.76
2024	185,678.76	170,000.00	500.00	356,178.76
2025	177,178.76	180,000.00	500.00	357,678.76
2026	168,178.76	190,000.00	500.00	358,678.76
2027	158,678.76	200,000.00	500.00	359,178.76
2028	150,678.76	205,000.00	500.00	356,178.76
2029	142,478.76	215,000.00	500.00	357,978.76
2030	133,878.76	225,000.00	500.00	359,378.76
2031	124,878.76	235,000.00	500.00	360,378.76
2032	117,535.00	240,000.00	500.00	358,035.00
2033	109,975.00	250,000.00	500.00	360,475.00
2034	101,975.00	255,000.00	500.00	357,475.00
2035	93,687.50	265,000.00	500.00	359,187.50
2036	84,942.50	275,000.00	500.00	360,442.50
2037	75,730.00	280,000.00	500.00	356,230.00
2038	66,210.00	290,000.00	500.00	356,710.00
2039	56,350.00	300,000.00	500.00	356,850.00
2040	45,850.00	310,000.00	500.00	356,350.00
2041	35,000.00	320,000.00	500.00	355,500.00
2042	23,800.00	335,000.00	500.00	359,300.00
2043	12,075.00	345,000.00	500.00	357,575.00
	3,187,917.44	5,830,000.00	13,000.00	9,030,917.44

City of Kalamazoo
2014 Waste Water Refunding Bond
5/1/2014

Original Issue Amount: \$ 2,285,000.00
 Debt Instrument: Bond
 Repayment Source: Waste Water Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2014	26,277.50	25,000.00	-	51,277.50
2015	77,970.00	80,000.00	-	157,970.00
2016	75,210.00	85,000.00	-	160,210.00
2017	72,277.50	85,000.00	-	157,277.50
2018	69,345.00	90,000.00	-	159,345.00
2019	66,240.00	90,000.00	-	156,240.00
2020	63,135.00	95,000.00	-	158,135.00
2021	59,857.50	100,000.00	-	159,857.50
2022	56,407.50	100,000.00	-	156,407.50
2023	52,957.50	105,000.00	-	157,957.50
2024	49,335.00	110,000.00	-	159,335.00
2025	45,540.00	115,000.00	-	160,540.00
2026	41,572.50	120,000.00	-	161,572.50
2027	37,432.50	120,000.00	-	157,432.50
2028	33,292.50	125,000.00	-	158,292.50
2029	28,980.00	125,000.00	-	153,980.00
2030	24,667.50	135,000.00	-	159,667.50
2031	20,010.00	140,000.00	-	160,010.00
2032	15,180.00	145,000.00	-	160,180.00
2033	10,177.50	145,000.00	-	155,177.50
2034	5,175.00	150,000.00	-	155,175.00
	931,040.00	2,285,000.00	0.00	3,216,040.00

City of Kalamazoo - 392020
2012 Wastewater System Revenue Bond
3/29/2012

Original Issue Amnt: \$6,100,000

Debt Instrument: Bond

Repayment Source: Wastewater Rate Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2013	289,333.89	175,000.00	100	464,433.89
2014	188,677.50	255,000.00	100	443,777.50
2015	183,577.50	260,000.00	100	443,677.50
2016	178,377.50	265,000.00	100	443,477.50
2017	173,077.50	265,000.00	100	438,177.50
2018	167,777.50	270,000.00	500	438,277.50
2019	162,107.50	275,000.00	500	437,607.50
2020	155,507.50	280,000.00	500	436,007.50
2021	147,947.50	290,000.00	500	438,447.50
2022	139,392.50	295,000.00	500	434,892.50
2023	130,100.00	300,000.00	500	430,600.00
2024	120,350.00	310,000.00	500	430,850.00
2025	109,965.00	320,000.00	500	430,465.00
2026	98,925.00	330,000.00	500	429,425.00
2027	87,210.00	340,000.00	500	427,710.00
2028	74,800.00	350,000.00	500	425,300.00
2029	60,800.00	360,000.00	500	421,300.00
2030	46,400.00	375,000.00	500	421,900.00
2031	31,400.00	385,000.00	500	416,900.00
2032	16,000.00	400,000.00	500	416,500.00
	2,561,726.39	6,100,000.00	8,000.00	8,669,726.39

City of Kalamazoo - 392020
2011 Wastewater System Revenue Bond
7/26/2011

Original Issue Amnt: \$2,815,000
 Debt Instrument: Bond
 Repayment Source: Wastewater Rate Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2011	12,291.32	-		12,291.32
2012	68,075.00	225,000.00		293,075.00
2013	63,575.00	250,000.00	100	313,675.00
2014	58,575.00	315,000.00	100	373,675.00
2015	52,275.00	320,000.00	100	372,375.00
2016	45,875.00	325,000.00	100	370,975.00
2017	39,375.00	330,000.00	100	369,475.00
2018	31,125.00	340,000.00	100	371,225.00
2019	22,200.00	350,000.00	500	372,700.00
2020	11,700.00	360,000.00	500	372,200.00
	405,066.32	2,815,000.00	1,600.00	3,221,666.32

City of Kalamazoo - 392020
2019 Water Supply System Revenue Bond
6/25/2019

Original Issue Amnt: \$10,270,000

Debt Instrument: Bond

Repayment Source: Water Rate Revenues

	Annual Total			
	Interest	Principal	PA Fee	Total
2019	67,649.99	-	500.00	68,149.99
2020	369,000.00	240,000.00	500.00	609,500.00
2021	357,000.00	250,000.00	500.00	607,500.00
2022	344,500.00	265,000.00	500.00	610,000.00
2023	331,250.00	280,000.00	500.00	611,750.00
2024	317,250.00	290,000.00	500.00	607,750.00
2025	302,750.00	305,000.00	500.00	608,250.00
2026	287,500.00	320,000.00	500.00	608,000.00
2027	271,500.00	340,000.00	500.00	612,000.00
2028	254,500.00	355,000.00	500.00	610,000.00
2029	240,300.00	370,000.00	500.00	610,800.00
2030	225,500.00	385,000.00	500.00	611,000.00
2031	210,100.00	400,000.00	500.00	610,600.00
2032	194,100.00	415,000.00	500.00	609,600.00
2033	181,650.00	425,000.00	500.00	607,150.00
2034	168,900.00	440,000.00	500.00	609,400.00
2035	155,700.00	455,000.00	500.00	611,200.00
2036	142,050.00	465,000.00	500.00	607,550.00
2037	128,100.00	480,000.00	500.00	608,600.00
2038	113,700.00	495,000.00	500.00	609,200.00
2039	98,850.00	510,000.00	500.00	609,350.00
2040	83,550.00	525,000.00	500.00	609,050.00
2041	67,800.00	540,000.00	500.00	608,300.00
2042	51,600.00	555,000.00	500.00	607,100.00
2043	34,950.00	575,000.00	500.00	610,450.00
2044	17,700.00	590,000.00	500.00	608,200.00
	5,017,450	10,270,000	13,000	15,300,450

City of Kalamazoo - 392020
2018 Water Supply System Revenue Bond
5/23/2018

Original Issue Amnt: \$9,395,000
 Debt Instrument: Bond
 Repayment Source: Water Rate Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2018	91,738.90	-	500.00	92,238.90
2019	337,000.00	235,000.00	500.00	572,500.00
2020	327,600.00	240,000.00	500.00	568,100.00
2021	318,000.00	250,000.00	500.00	568,500.00
2022	308,000.00	260,000.00	500.00	568,500.00
2023	297,600.00	270,000.00	500.00	568,100.00
2024	286,800.00	285,000.00	500.00	572,300.00
2025	275,400.00	295,000.00	500.00	570,900.00
2026	260,650.00	310,000.00	500.00	571,150.00
2027	245,150.00	325,000.00	500.00	570,650.00
2028	232,150.00	340,000.00	500.00	572,650.00
2029	221,950.00	350,000.00	500.00	572,450.00
2030	211,450.00	360,000.00	500.00	571,950.00
2031	200,650.00	370,000.00	500.00	571,150.00
2032	189,550.00	380,000.00	500.00	570,050.00
2033	177,675.00	390,000.00	500.00	568,175.00
2034	165,000.00	405,000.00	500.00	570,500.00
2035	151,837.50	420,000.00	500.00	572,337.50
2036	137,662.50	430,000.00	500.00	568,162.50
2037	123,150.00	445,000.00	500.00	568,650.00
2038	107,575.00	465,000.00	500.00	573,075.00
2039	91,300.00	480,000.00	500.00	571,800.00
2040	74,500.00	495,000.00	500.00	570,000.00
2041	57,175.00	515,000.00	500.00	572,675.00
2042	39,150.00	530,000.00	500.00	569,650.00
2043	19,937.50	550,000.00	500.00	570,437.50
	4,948,651	9,395,000	13,000	14,356,651

City of Kalamazoo - 392020
2017 Water Supply System Revenue Refunding Bond
5/2/2017

Original Issue Amnt: \$7,860,000
 Debt Instrument: Bond
 Repayment Source: Water Rate Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2017	92,958.40	275,000.00		367,958.40
2018	272,968.76	320,000.00		592,968.76
2019	263,368.76	335,000.00		598,368.76
2020	253,318.76	345,000.00		598,318.76
2021	242,968.76	355,000.00		597,968.76
2022	228,768.76	370,000.00		598,768.76
2023	213,968.76	380,000.00		593,968.76
2024	198,768.76	395,000.00		593,768.76
2025	182,968.76	420,000.00		602,968.76
2026	166,168.76	430,000.00		596,168.76
2027	148,968.76	280,000.00		428,968.76
2028	137,768.76	290,000.00		427,768.76
2029	126,168.76	305,000.00		431,168.76
2030	117,018.76	315,000.00		432,018.76
2031	107,175.00	320,000.00		427,175.00
2032	96,775.00	330,000.00		426,775.00
2033	85,637.50	230,000.00		315,637.50
2034	77,875.00	240,000.00		317,875.00
2035	69,475.00	245,000.00		314,475.00
2036	60,900.00	255,000.00		315,900.00
2037	51,656.26	265,000.00		316,656.26
2038	42,050.00	275,000.00		317,050.00
2039	32,081.26	285,000.00		317,081.26
2040	21,750.00	295,000.00		316,750.00
2041	11,056.26	305,000.00		316,056.26
	3,302,584	7,860,000	0	11,162,584

City of Kalamazoo 2015 Water Supply System Revenue Refunding Bond 12/10/2015

Original Issue Amnt: \$ 3,035,000
 Debt Instrument: Bond
 Repayment Source: Water Rate Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2016	64,796.89	115,000.00	500.00	180,296.89
2017	87,075.02	85,000.00	500.00	172,575.02
2018	85,375.00	90,000.00	500.00	175,875.00
2019	83,575.00	90,000.00	500.00	174,075.00
2020	81,775.00	90,000.00	500.00	172,275.00
2021	79,975.00	90,000.00	500.00	170,475.00
2022	77,950.00	95,000.00	500.00	173,450.00
2023	75,575.00	95,000.00	500.00	171,075.00
2024	72,725.00	100,000.00	500.00	173,225.00
2025	69,725.00	105,000.00	500.00	175,225.00
2026	66,575.00	105,000.00	500.00	172,075.00
2027	63,425.00	110,000.00	500.00	173,925.00
2028	60,125.00	115,000.00	500.00	175,625.00
2029	56,675.00	120,000.00	500.00	177,175.00
2030	53,075.00	120,000.00	500.00	173,575.00
2031	49,475.00	125,000.00	500.00	174,975.00
2032	45,725.00	130,000.00	500.00	176,225.00
2033	41,662.50	135,000.00	500.00	177,162.50
2034	37,443.76	140,000.00	500.00	177,943.76
2035	32,893.76	145,000.00	500.00	178,393.76
2036	28,181.26	155,000.00	500.00	183,681.26
2037	22,950.00	160,000.00	500.00	183,450.00
2038	17,550.00	165,000.00	500.00	183,050.00
2039	11,981.26	175,000.00	500.00	187,481.26
2040	6,075.00	180,000.00	500.00	186,575.00
	1,372,359.45	3,035,000.00	12,500.00	4,419,859.45

City of Kalamazoo 2014 Water Supply System Revenue Refunding Bond 5/1/2014

Original Issue Amnt: \$ 11,170,000
 Debt Instrument: Bond
 Repayment Source: Water Rate Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2014	147,071.67	-	-	147,071.67
2015	441,215.00	280,000.00	-	721,215.00
2016	430,155.00	285,000.00	-	715,155.00
2017	418,897.50	290,000.00	-	708,897.50
2018	407,442.50	300,000.00	-	707,442.50
2019	395,592.50	310,000.00	-	705,592.50
2020	383,347.50	430,000.00	-	813,347.50
2021	366,362.50	440,000.00	-	806,362.50
2022	348,982.50	465,000.00	-	813,982.50
2023	330,615.00	485,000.00	-	815,615.00
2024	311,457.50	505,000.00	-	816,457.50
2025	291,510.00	520,000.00	-	811,510.00
2026	270,970.00	540,000.00	-	810,970.00
2027	249,640.00	745,000.00	-	994,640.00
2028	220,212.50	775,000.00	-	995,212.50
2029	189,600.00	810,000.00	-	999,600.00
2030	157,605.00	855,000.00	-	1,012,605.00
2031	123,832.50	885,000.00	-	1,008,832.50
2032	88,875.00	750,000.00	-	838,875.00
2033	59,250.00	750,000.00	-	809,250.00
2034	29,625.00	750,000.00	-	779,625.00
	5,662,259.17	11,170,000.00	0.00	16,832,259.17

City of Kalamazoo 2012 Water Supply System Revenue Refunding Bond 6/5/2012

Original Issue Amnt: \$5,370,000
 Debt Instrument: Bond
 Repayment Source: Water Rate Revenues

	Annual Total			
	Interest	Principal	PA Fee	Total
2013	99,792.50	985,000.00	100	1,084,892.50
2014	65,775.00	995,000.00	100	1,060,875.00
2015	50,850.00	975,000.00	100	1,025,950.00
2016	36,225.00	650,000.00	500	686,725.00
2017	26,475.00	620,000.00	500	646,975.00
2018	17,175.00	590,000.00	500	607,675.00
2019	8,325.00	555,000.00	500	563,825.00
	304,617.50	5,370,000.00	2,300.00	5,676,917.50

City of Kalamazoo - 392020
2015 General Obligation OPEB Bond
1/22/2015

Original Issue Amnt: \$ 90,955,000

Debt Instrument: Bond

Repayment Source: City Revenue - Various Funds

Annual Total

	Interest	Principal	PA Fee	Total
2015	3,115,854.22	2,040,000.00	750.00	5,156,604.22
2016	3,614,821.40	1,860,000.00	750.00	5,475,571.40
2017	3,594,119.60	1,885,000.00	750.00	5,479,869.60
2018	3,564,468.56	1,915,000.00	750.00	5,480,218.56
2019	3,526,743.06	1,950,000.00	750.00	5,477,493.06
2020	3,481,503.06	1,995,000.00	750.00	5,477,253.06
2021	3,429,393.66	2,050,000.00	750.00	5,480,143.66
2022	3,369,697.66	2,110,000.00	750.00	5,480,447.66
2023	3,305,194.96	2,170,000.00	750.00	5,475,944.96
2024	3,235,603.06	2,240,000.00	750.00	5,476,353.06
2025	3,160,406.26	2,315,000.00	750.00	5,476,156.26
2026	3,079,219.20	2,400,000.00	750.00	5,479,969.20
2027	2,990,251.20	2,485,000.00	750.00	5,476,001.20
2028	2,893,162.26	2,585,000.00	750.00	5,478,912.26
2029	2,788,288.80	2,690,000.00	750.00	5,479,038.80
2030	2,675,120.50	2,800,000.00	750.00	5,475,870.50
2031	2,552,760.50	2,925,000.00	750.00	5,478,510.50
2032	2,424,938.00	3,050,000.00	750.00	5,475,688.00
2033	2,291,653.00	3,185,000.00	750.00	5,477,403.00
2034	2,152,468.50	3,325,000.00	750.00	5,478,218.50
2035	2,007,166.00	3,470,000.00	750.00	5,477,916.00
2036	1,845,117.00	3,630,000.00	750.00	5,475,867.00
2037	1,675,596.00	3,800,000.00	750.00	5,476,346.00
2038	1,498,136.00	3,980,000.00	750.00	5,478,886.00
2039	1,312,270.00	4,165,000.00	750.00	5,478,020.00
2040	1,117,764.50	4,360,000.00	750.00	5,478,514.50
2041	914,152.50	4,565,000.00	750.00	5,479,902.50
2042	700,967.00	4,775,000.00	750.00	5,476,717.00
2043	477,974.50	5,000,000.00	750.00	5,478,724.50
2044	244,474.50	5,235,000.00	750.00	5,480,224.50
73,039,285.46	90,955,000.00	11,250.00	164,016,785.46	

General Fund	Major Streets	Local Streets	Solid Waste	CCTA/Metro Transit	Waste Water	Water
70.01%	1.34%	1.24%	1.49%	4.86%	10.99%	10.07%
3,610,138.61	69,098.50	63,941.89	76,833.40	250,610.97	566,710.80	519,270.04
3,833,447.54	73,372.66	67,897.09	81,586.01	266,112.77	601,765.30	551,390.04
3,836,456.71	73,430.25	67,950.38	81,650.06	266,321.66	602,237.67	551,822.87
3,836,701.01	73,434.93	67,954.71	81,655.26	266,338.62	602,276.02	551,858.01
3,834,792.89	73,398.41	67,920.91	81,614.65	266,206.16	601,976.49	551,583.55
3,834,624.87	73,395.19	67,917.94	81,611.07	266,194.50	601,950.11	551,559.38
3,836,648.58	73,433.93	67,953.78	81,654.14	266,334.98	602,267.79	551,850.47
3,836,861.41	73,438.00	67,957.55	81,658.67	266,349.76	602,301.20	551,881.08
3,833,709.07	73,377.66	67,901.72	81,591.58	266,130.93	601,806.35	551,427.66
3,833,994.78	73,383.13	67,906.78	81,597.66	266,150.76	601,851.20	551,468.75
3,833,857.00	73,380.49	67,904.34	81,594.73	266,141.19	601,829.57	551,448.94
3,836,526.44	73,431.59	67,951.62	81,651.54	266,326.50	602,248.62	551,832.90
3,833,748.44	73,378.42	67,902.41	81,592.42	266,133.66	601,812.53	551,433.32
3,835,786.47	73,417.42	67,938.51	81,635.79	266,275.14	602,132.46	551,726.46
3,835,875.06	73,419.12	67,940.08	81,637.68	266,281.29	602,146.36	551,739.21
3,833,656.94	73,376.66	67,900.79	81,590.47	266,127.31	601,798.17	551,420.16
3,835,505.20	73,412.04	67,933.53	81,629.81	266,255.61	602,088.30	551,686.01
3,833,529.17	73,374.22	67,898.53	81,587.75	266,118.44	601,778.11	551,401.78
3,834,729.84	73,397.20	67,919.80	81,613.30	266,201.79	601,966.59	551,574.48
3,835,300.77	73,408.13	67,929.91	81,625.46	266,241.42	602,056.21	551,656.60
3,835,088.99	73,404.07	67,926.16	81,620.95	266,226.72	602,022.97	551,626.14
3,833,654.49	73,376.62	67,900.75	81,590.42	266,127.14	601,797.78	551,419.81
3,833,989.83	73,383.04	67,906.69	81,597.56	266,150.42	601,850.43	551,468.04
3,835,768.09	73,417.07	67,938.19	81,635.40	266,273.86	602,129.57	551,723.82
3,835,161.80	73,405.47	67,927.45	81,622.50	266,231.77	602,034.40	551,636.61
3,835,508.00	73,412.09	67,933.58	81,629.87	266,255.80	602,088.74	551,686.41
3,836,479.74	73,430.69	67,950.79	81,650.55	266,323.26	602,241.28	551,826.18
3,834,249.57	73,388.01	67,911.29	81,603.08	266,168.45	601,891.20	551,505.40
3,835,655.02	73,414.91	67,936.18	81,633.00	266,266.01	602,111.82	551,707.56
3,836,705.17	73,435.01	67,954.78	81,655.35	266,338.91	602,276.67	551,858.61
114,828,151.50	2,197,824.93	2,033,808.14	2,443,850.10	7,971,215.77	18,025,444.72	16,516,490.30

City of Kalamazoo - 392020
2018 Capital Improvement Bond
5/23/2018

Original Issue Amnt: \$7,750,000
 Debt Instrument: Bond
 Repayment Source: Streets & General Fund

Annual Total				
	Interest	Principal	PA Fee	Total
2018	104,240.01	-		104,240.01
2019	283,550.02	385,000.00		668,550.02
2020	269,925.02	400,000.00		669,925.02
2021	261,775.02	415,000.00		676,775.02
2022	247,125.02	420,000.00		667,125.02
2023	225,375.02	450,000.00		675,375.02
2024	202,375.02	470,000.00		672,375.02
2025	178,375.02	490,000.00		668,375.02
2026	153,250.02	515,000.00		668,250.02
2027	129,675.02	535,000.00		664,675.02
2028	107,675.02	565,000.00		672,675.02
2029	87,600.02	585,000.00		672,600.02
2030	69,825.02	600,000.00		669,825.02
2031	51,137.52	620,000.00		671,137.52
2032	31,450.01	640,000.00		671,450.01
2033	10,725.00	660,000.00		670,725.00
	2,414,078	7,750,000	0	10,164,078

City of Kalamazoo - 392020 2017 Capital Improvement Bond 8/29/2017

Original Issue Amnt: \$3,780,000
 Debt Instrument: Bond
 Repayment Source: Streets & General Fund

Annual Total				
	Interest	Principal	PA Fee	Total
2018	77,792.40	50,000.00		127,792.40
2019	70,497.00	360,000.00		430,497.00
2020	63,693.00	710,000.00		773,693.00
2021	50,274.00	735,000.00		785,274.00
2022	36,382.50	745,000.00		781,382.50
2023	22,302.00	765,000.00		787,302.00
2024	7,843.50	415,000.00		422,843.50
	328,784	3,780,000		4,108,784

City of Kalamazoo - 392020
2017 Capital Improvement Bond
5/2/2017

Original Issue Amnt: \$7,985,000

Debt Instrument: Bond

Repayment Source: Streets, General Fund, KMGA & DDA

Annual Total				
	Interest	Principal	PA Fee	Total
2017	138,569.99	345,000.00	500.00	484,069.99
2018	324,450.00	400,000.00	500.00	724,950.00
2019	304,450.00	420,000.00	500.00	724,950.00
2020	283,450.00	440,000.00	500.00	723,950.00
2021	265,850.00	455,000.00	500.00	721,350.00
2022	243,100.00	480,000.00	500.00	723,600.00
2023	219,100.00	505,000.00	500.00	724,600.00
2024	193,850.00	525,000.00	500.00	719,350.00
2025	167,600.00	555,000.00	500.00	723,100.00
2026	139,850.00	580,000.00	500.00	720,350.00
2027	110,850.00	610,000.00	500.00	721,350.00
2028	86,450.00	635,000.00	500.00	721,950.00
2029	61,050.00	665,000.00	500.00	726,550.00
2030	41,100.00	675,000.00	500.00	716,600.00
2031	20,850.00	695,000.00	500.00	716,350.00
	2,600,570	7,985,000	7,500	10,593,070

City of Kalamazoo - 392020
2016 Capital Improvement and Refunding Bond
7/19/2016

Original Issue Amnt: \$5,580,000

Debt Instrument: Bond

Repayment Source: Streets & General Fund Revenues & KMGA & DD

Annual Total				
	Interest	Principal	PA Fee	Total
2016	43,620.00	-		43,620.00
2017	215,550.00	255,000.00	750.00	471,300.00
2018	206,900.00	305,000.00	750.00	512,650.00
2019	194,400.00	320,000.00	750.00	515,150.00
2020	181,400.00	330,000.00	750.00	512,150.00
2021	167,900.00	345,000.00	750.00	513,650.00
2022	153,800.00	360,000.00	750.00	514,550.00
2023	139,300.00	365,000.00	750.00	505,050.00
2024	124,300.00	385,000.00	750.00	510,050.00
2025	108,700.00	395,000.00	750.00	504,450.00
2026	92,500.00	415,000.00	750.00	508,250.00
2027	75,600.00	430,000.00	750.00	506,350.00
2028	59,200.00	390,000.00	750.00	449,950.00
2029	43,200.00	410,000.00	750.00	453,950.00
2030	26,400.00	430,000.00	750.00	457,150.00
2031	8,900.00	445,000.00	750.00	454,650.00
	1,841,670	5,580,000.00	11,250.00	7,432,920.00

City of Kalamazoo - 392020 2015 General Obligation Capital Improvement Bond 6/2/2015

Original Issue Amnt: \$ 5,150,000
 Debt Instrument: Bond
 Repayment Source: Streets & General Fund Revenues & KMGA

Annual Total				
	Interest	Principal	PA Fee	Total
2015	47,017.39	-	750.00	47,767.39
2016	139,287.52	295,000.00	500.00	434,787.52
2017	133,337.52	300,000.00	500.00	433,837.52
2018	127,287.52	305,000.00	500.00	432,787.52
2019	121,137.52	310,000.00	500.00	431,637.52
2020	114,837.52	320,000.00	500.00	435,337.52
2021	106,837.52	320,000.00	500.00	427,337.52
2022	97,087.52	330,000.00	500.00	427,587.52
2023	87,112.52	335,000.00	500.00	422,612.52
2024	76,912.52	345,000.00	500.00	422,412.52
2025	66,412.52	355,000.00	500.00	421,912.52
2026	55,687.52	360,000.00	500.00	416,187.52
2027	44,662.52	375,000.00	500.00	420,162.52
2028	33,021.89	385,000.00	500.00	418,521.89
2029	20,506.26	400,000.00	500.00	421,006.26
2030	7,003.13	415,000.00	500.00	422,503.13
	1,278,148.91	5,150,000.00	7,750.00	6,436,398.91

City of Kalamazoo - 392020 2014 General Obligation Capital Improvement Bond 5/1/2014

Original Issue Amnt: \$ 5,660,000
 Debt Instrument: Bond
 Repayment Source: Streets & General Fund Revenues & KMGA

Annual Total				
	Interest	Principal	PA Fee	Total
2014	67,920.00	-	-	67,920.00
2015	156,240.00	470,000.00	-	626,240.00
2016	142,488.00	485,000.00	-	627,488.00
2017	128,376.00	495,000.00	-	623,376.00
2018	113,904.00	510,000.00	-	623,904.00
2019	99,000.00	525,000.00	-	624,000.00
2020	87,264.00	290,000.00	-	377,264.00
2021	78,840.00	295,000.00	-	373,840.00
2022	70,200.00	305,000.00	-	375,200.00
2023	61,272.00	315,000.00	-	376,272.00
2024	52,128.00	320,000.00	-	372,128.00
2025	43,056.00	310,000.00	-	353,056.00
2026	33,984.00	320,000.00	-	353,984.00
2027	24,624.00	330,000.00	-	354,624.00
2028	14,976.00	340,000.00	-	354,976.00
2029	5,040.00	350,000.00	-	355,040.00
	1,179,312.00	5,660,000.00	0.00	6,839,312.00

City of Kalamazoo - 392020
2013 General Obligation Capital Improvement Bonds
4/11/2013

Original Issue Amnt: \$4,200,000

Debt Instrument: Bond

Repayment Source: Streets & General Fund Revenues & KMGAs

Annual Total				
	Interest	Principal	PA Fee	Total
2013	43,137.50	-	250	43,387.50
2014	88,800.00	255,000.00	250	344,050.00
2015	83,650.00	260,000.00	250	343,900.00
2016	78,450.00	260,000.00	500	338,950.00
2017	73,250.00	260,000.00	500	333,750.00
2018	68,000.00	265,000.00	500	333,500.00
2019	62,650.00	270,000.00	500	333,150.00
2020	57,250.00	270,000.00	500	327,750.00
2021	51,800.00	275,000.00	500	327,300.00
2022	46,250.00	280,000.00	500	326,750.00
2023	40,600.00	285,000.00	500	326,100.00
2024	34,668.75	290,000.00	500	325,168.75
2025	28,268.75	295,000.00	500	323,768.75
2026	21,137.50	305,000.00	500	326,637.50
2027	13,062.50	310,000.00	500	323,562.50
2028	4,400.00	320,000.00	500	324,900.00
	795,375.00	4,200,000.00	7,250.00	5,002,625.00

City of Kalamazoo - 392020 2012 General Obligation Capital Improvement Bonds 3/29/2012

Original Issue Amnt: \$4,400,000

Debt Instrument: Bond

Repayment Source: Streets & General Fund Revenues & KMGA

Annual Total				
	Interest	Principal	PA Fee	Total
2012	-	-	100	100.00
2013	181,649.05	220,000.00	100	401,749.05
2014	116,252.50	265,000.00	100	381,352.50
2015	110,952.50	270,000.00	100	381,052.50
2016	105,552.50	275,000.00	500	381,052.50
2017	100,052.50	275,000.00	500	375,552.50
2018	94,552.50	280,000.00	500	375,052.50
2019	88,672.50	285,000.00	500	374,172.50
2020	81,832.50	290,000.00	500	372,332.50
2021	74,002.50	295,000.00	500	369,502.50
2022	65,300.00	305,000.00	500	370,800.00
2023	55,845.00	310,000.00	500	366,345.00
2024	45,925.00	320,000.00	500	366,425.00
2025	35,365.00	330,000.00	500	365,865.00
2026	24,145.00	335,000.00	500	359,645.00
2027	12,420.00	345,000.00	500	357,920.00
	1,192,519.05	4,400,000.00	6,400.00	5,598,919.05

City of Kalamazoo - 392020 2011 General Obligation Capital Improvement Bonds 7/14/2011

Original Issue Amnt: \$4,685,000

Debt Instrument: Bond

Repayment Source: Streets & General Fund Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2012	186,756.81	225,000.00	100	411,856.81
2013	149,350.00	260,000.00	100	409,450.00
2014	144,150.00	265,000.00	850	410,000.00
2015	138,850.00	270,000.00	500	409,350.00
2016	132,775.00	275,000.00	400	408,175.00
2017	125,900.00	285,000.00	500	411,400.00
2018	118,062.50	295,000.00	500	413,562.50
2019	109,212.50	305,000.00	500	414,712.50
2020	99,300.00	315,000.00	500	414,800.00
2021	88,275.00	330,000.00	500	418,775.00
2022	75,900.00	340,000.00	500	416,400.00
2023	62,300.00	355,000.00	500	417,800.00
2024	48,100.00	370,000.00	500	418,600.00
2025	33,300.00	390,000.00	500	423,800.00
2026	17,212.50	405,000.00	500	422,712.50
	1,529,444.31	4,685,000.00	6,950.00	6,221,394.31

City of Kalamazoo - 392020 2010 General Obligation Capital Improvement Bonds 7/8/2010
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Original Issue Amnt: \$2,855,000

Debt Instrument: Bond

Repayment Source: Streets & General Fund Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2011	120,240.66	140,000.00	100	260,340.66
2012	94,912.50	160,000.00	100	255,012.50
2013	91,712.50	165,000.00	100	256,812.50
2014	88,412.50	165,000.00	850	254,262.50
2015	84,700.00	170,000.00	500	255,200.00
2016	80,450.00	175,000.00	400	255,850.00
2017	75,200.00	180,000.00	500	255,700.00
2018	68,000.00	185,000.00	500	253,500.00
2019	60,600.00	190,000.00	500	251,100.00
2020	53,000.00	200,000.00	500	253,500.00
2021	45,000.00	205,000.00	500	250,500.00
2022	36,800.00	215,000.00	500	252,300.00
2023	28,200.00	225,000.00	500	253,700.00
2024	19,200.00	235,000.00	500	254,700.00
2025	9,800.00	245,000.00	500	255,300.00
	956,228.16	2,855,000.00	6,550.00	3,817,778.16

City of Kalamazoo - 392020
2009 General Obligation Capital Improvement Bonds
6/24/2009

Original Issue Amnt: \$4,585,000
 Debt Instrument: Bond
 Repayment Source: Streets & General Fund Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2010	214,104.50	190,000.00	100	404,204.50
2011	163,910.00	245,000.00	100	409,010.00
2012	157,785.00	250,000.00	100	407,885.00
2013	151,535.00	255,000.00	100	406,635.00
2014	144,522.50	265,000.00	850	410,372.50
2015	136,572.50	275,000.00	500	412,072.50
2016	127,635.00	285,000.00	400	413,035.00
2017	109,809.94	300,000.00	500	410,309.94
2018	25,400.00	310,000.00	500	335,900.00
2019	13,000.00	325,000.00	500	338,500.00
2020				
2021				
2022				
2023				
2024				
	1,244,274.44	2,700,000.00	3,650.00	3,947,924.44

*Partially Refunded August 2017

City of Kalamazoo - 392020 2008 General Obligation Capital Improvement Bonds 7/1/2008
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Original Issue Amnt: \$4,165,000
 Debt Instrument: Bond
 Repayment Source: Streets & General Fund Revenues

Annual Total				
	Interest	Principal	PA Fee	Total
2009	201,179.69	180,000.00	250	381,429.69
2010	155,093.76	225,000.00	250	380,343.76
2011	147,781.26	230,000.00	250	378,031.26
2012	140,306.26	240,000.00	250	380,556.26
2013	131,906.26	245,000.00	250	377,156.26
2014	123,331.26	255,000.00	850	379,181.26
2015	114,406.26	265,000.00	500	379,906.26
2016	104,468.76	275,000.00	400	379,868.76
2017	87,222.64	285,000.00	500	372,722.64
2018	11,800.00	295,000.00	500	307,300.00
2019				
2020				
2021				
2022				
2023				
	1,217,496.15	2,495,000.00	4,000.00	3,716,496.15

*Partially Refunded August 2017