

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: North Arm Relief Drain Bonds. Series 1998A  
 Issuance Date: 09/29/98  
 Issuance Amount: \$ 13,877,387  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/1/2019	825,000	18,533.10	843,533	822,387
4/1/2020		9,251.85	9,252	822,387
10/1/2020	822,387	9,251.85	831,639	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: 2016 Refunding (2006A FORMERLY)  
 Issuance Date: 03/30/16  
 Issuance Amount: \$ 2,510,000  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19	235,000	24,900	259,900	1,585,000
04/01/20		22,550	22,550	1,585,000
10/01/20	245,000	22,550	267,550	1,340,000
04/01/21		20,100	20,100	1,340,000
10/01/21	250,000	20,100	270,100	1,090,000
04/01/22		16,350	16,350	1,090,000
10/01/22	260,000	16,350	276,350	830,000
04/01/23		12,450	12,450	830,000
10/01/23	265,000	12,450	277,450	565,000
04/01/24		8,475	8,475	565,000
10/01/24	280,000	8,475	288,475	285,000
04/01/25		4,275	4,275	285,000
10/01/25	285,000	4,275	289,275	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: 2016 Refunding (2008 - FORMERLY)  
 Issuance Date: 03/30/16  
 Issuance Amount: \$ 7,585,000  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19	635,000	102,400	737,400	6,620,000
04/01/20		96,050	96,050	6,620,000
10/01/20	650,000	96,050	746,050	5,970,000
04/01/21		89,550	89,550	5,970,000
10/01/21	675,000	89,550	764,550	5,295,000
04/01/22		79,425	79,425	5,295,000
10/01/22	690,000	79,425	769,425	4,605,000
04/01/23		69,075	69,075	4,605,000
10/01/23	715,000	69,075	784,075	3,890,000
04/01/24		58,350	58,350	3,890,000
10/01/24	735,000	58,350	793,350	3,155,000
04/01/25		47,325	47,325	3,155,000
10/01/25	755,000	47,325	802,325	2,400,000
04/01/26		36,000	36,000	2,400,000
10/01/26	780,000	36,000	816,000	1,620,000
04/01/27		24,300	24,300	1,620,000
10/01/27	800,000	24,300	824,300	820,000
04/01/28		12,300	12,300	820,000
10/01/28	820,000	12,300	832,300	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 6/30/2019  
 Debt Name: Taxable LTGO Bonds, Series 2017-A (OP  
 Issuance Date: 2/21/2017  
 Issuance Amount: 106,040,000  
 Debt Instrument: Bond  
 Repayment Source: Limited Tax General Obligation

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Date	Principal	Interest	Debt Service	Principal Balance
10/1/2019	3,790,000	1,888,911	5,678,911	95,280,000
4/1/2020		1,853,133	1,853,133	
10/1/2020	3,870,000	1,853,133	5,723,133	91,410,000
4/1/2021		1,809,325	1,809,325	
10/1/2021	3,970,000	1,809,325	5,779,325	87,440,000
4/1/2022		1,757,457	1,757,457	
10/1/2022	4,075,000	1,757,457	5,832,457	83,365,000
4/1/2023		1,699,530	1,699,530	
10/1/2023	4,200,000	1,699,530	5,899,530	79,165,000
4/1/2024		1,634,388	1,634,388	
10/1/2024	4,335,000	1,634,388	5,969,388	74,830,000
4/1/2025		1,562,818	1,562,818	
10/1/2025	4,485,000	1,562,818	6,047,818	70,345,000
4/1/2026		1,484,263	1,484,263	
10/1/2026	4,650,000	1,484,263	6,134,263	65,695,000
4/1/2027		1,401,191	1,401,191	
10/1/2027	4,820,000	1,401,191	6,221,191	60,875,000
4/1/2028		1,312,671	1,312,671	
10/1/2028	5,005,000	1,312,671	6,317,671	55,870,000
4/1/2029		1,216,250	1,216,250	
10/1/2029	5,205,000	1,216,250	6,421,250	50,665,000
4/1/2030		1,113,373	1,113,373	
10/1/2030	5,415,000	1,113,373	6,528,373	45,250,000
4/1/2031		1,003,638	1,003,638	
10/1/2031	5,645,000	1,003,638	6,648,638	39,605,000
4/1/2032		886,420	886,420	
10/1/2032	5,885,000	886,420	6,771,420	33,720,000
4/1/2033		762,746	762,746	
10/1/2033	6,150,000	762,746	6,912,746	27,570,000
4/1/2034		623,633	623,633	
10/1/2034	6,435,000	623,633	7,058,633	21,135,000
4/1/2035		478,074	478,074	
10/1/2035	6,730,000	478,074	7,208,074	14,405,000
4/1/2036		325,841	325,841	
10/1/2036	7,040,000	325,841	7,365,841	7,365,000
4/1/2037		166,596	166,596	
10/1/2037	7,365,000	166,596	7,531,596	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: Taxable LTGO Bonds, Series 2017-A (Pension  
 Issuance Date: 02/21/17  
 Issuance Amount: \$ 20,570,000  
 Debt Instrument: Bond  
 Repayment Source: Limited Tax General Obligation

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Date	Principal	Interest	Debt Service	Principal Balance
10/1/2019	735,000	366,385.80	1,101,385.80	18,480,000.00
4/1/2020		359,447.40	359,447.40	
10/1/2020	750,000	359,447.40	1,109,447.40	17,730,000.00
4/1/2021		350,957.40	350,957.40	
10/1/2021	770,000	350,957.40	1,120,957.40	16,960,000.00
4/1/2022		340,897.35	340,897.35	
10/1/2022	790,000	340,897.35	1,130,897.35	16,170,000.00
4/1/2023		329,667.50	329,667.50	
10/1/2023	815,000	329,667.50	1,144,667.50	15,355,000.00
4/1/2024		317,026.85	317,026.85	
10/1/2024	840,000	317,026.85	1,157,026.85	14,515,000.00
4/1/2025		303,158.45	303,158.45	
10/1/2025	870,000	303,158.45	1,173,158.45	13,645,000.00
4/1/2026		287,920.40	287,920.40	
10/1/2026	900,000	287,920.40	1,187,920.40	12,745,000.00
4/1/2027		271,841.90	271,841.90	
10/1/2027	935,000	271,841.90	1,206,841.90	11,810,000.00
4/1/2028		254,670.63	254,670.63	
10/1/2028	970,000	254,670.63	1,224,670.63	10,840,000.00
4/1/2029		235,983.58	235,983.58	
10/1/2029	1,010,000	235,983.58	1,245,983.58	9,830,000.00
4/1/2030		216,020.93	216,020.93	
10/1/2030	1,050,000	216,020.93	1,266,020.93	8,780,000.00
4/1/2031		194,742.68	194,742.68	
10/1/2031	1,095,000	194,742.68	1,289,742.68	7,685,000.00
4/1/2032		172,005.00	172,005.00	
10/1/2032	1,140,000	172,005.00	1,312,005.00	6,545,000.00
4/1/2033		148,047.90	148,047.90	
10/1/2033	1,195,000	148,047.90	1,343,047.90	5,350,000.00
4/1/2034		121,017.00	121,017.00	
10/1/2034	1,250,000	121,017.00	1,371,017.00	4,100,000.00
4/1/2035		92,742.00	92,742.00	
10/1/2035	1,305,000	92,742.00	1,397,742.00	2,795,000.00
4/1/2036		63,222.90	63,222.90	
10/1/2036	1,365,000	63,222.90	1,428,222.90	1,430,000.00
4/1/2037		32,346.60	32,346.60	
10/1/2037	1,430,000	32,346.60	1,462,346.60	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: GWKDD Bonds · Series A  
 Issuance Date: 09/30/00  
 Issuance Amount: \$ 5,176,386  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
				\$ 5,176,386.02
10/01/19		11,851.69	11,852	948,135.58
04/01/20	308,325.01	11,851.69	320,177	639,810.58
10/01/20		7,997.63	7,998	639,810.58
04/01/21	315,562.68	7,997.63	323,560	324,247.89
10/01/21		4,053.10	4,053	324,247.89
04/01/22	324,247.89	4,053.10	328,301	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: GWKDD Bonds - Series C  
 Issuance Date: 09/28/01  
 Issuance Amount: \$ 23,797,479  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19		88,643.44	88,643	7,091,475.14
04/01/20	1,349,102.84	88,643.44	1,437,746	5,742,372.30
10/01/20		71,779.65	71,780	5,742,372.30
04/01/21	1,382,396.15	71,779.65	1,454,176	4,359,976.14
10/01/21		54,499.70	54,500	4,359,976.14
04/01/22	1,417,137.00	54,499.70	1,471,637	2,942,839.14
10/01/22		36,785.49	36,785	2,942,839.14
04/01/23	1,453,325.38	36,785.49	1,490,111	1,489,513.76
10/01/23		18,618.92	18,619	1,489,513.76
04/01/24	1,489,513.76	18,618.92	1,508,133	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: GWKDD Bonds - Series D  
 Issuance Date: 12/20/01  
 Issuance Amount: \$ 659,400  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19		2,343.83	2,344	187,506.77
04/01/20	36,188.38	2,343.83	38,532	151,318.39
10/01/20		1,891.48	1,891	151,318.39
04/01/21	36,188.38	1,891.48	38,080	115,130.00
10/01/21		1,439.13	1,439	115,130.00
04/01/22	37,635.92	1,439.13	39,075	77,494.09
10/01/22		968.68	969	77,494.09
04/01/23	39,083.45	968.68	40,052	38,410.64
10/01/23		480.13	480	38,410.64
04/01/24	38,410.64	480.13	38,891	-



Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: GWKDD Bonds, Series 2005F  
 Issuance Date: 09/22/05  
 Issuance Amount: \$ 397,150  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19	-	1,401.06	1,401	172,438.28
04/01/20	22,057.28	1,401.06	23,458	150,381.00
10/01/20	-	1,221.85	1,222	150,381.00
04/01/21	23,527.77	1,221.85	24,750	126,853.23
10/01/21	-	1,030.68	1,031	126,853.23
04/01/22	24,998.26	1,030.68	26,029	101,854.97
10/01/22	-	827.57	828	101,854.97
04/01/23	24,998.26	827.57	25,826	76,856.71
10/01/23	-	624.46	624	76,856.71
04/01/24	24,998.26	624.46	25,623	51,858.45
10/01/24	-	421.35	421	51,858.45
04/01/25	24,998.26	421.35	25,420	26,860.19
10/01/25	-	218.24	218	26,860.19
04/01/26	26,860.19	218.24	27,078	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: Drain Refunding Bonds, Series 2016 (2007R Formerly)  
 Issuance Date: 02/25/16  
 Issuance Amount: \$ 2,156,827  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/1/2019	-	12,535.66	12,535.66	1,253,565.51
4/1/2020	306,877.00	12,535.66	319,412.66	946,688.51
10/1/2020	-	9,466.88	9,466.88	946,688.51
4/1/2021	311,220.00	9,466.88	320,686.88	635,468.51
10/1/2021	-	6,354.68	6,354.68	635,468.51
4/1/2022	314,115.00	6,354.68	320,469.68	321,353.51
10/1/2022	-	3,213.53	3,213.53	321,353.51
4/1/2023	166,467.00	3,213.53	169,680.53	154,886.51
10/1/2023	-	1,548.86	1,548.86	154,886.51
4/1/2024	154,886.51	1,548.86	156,435.37	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: GWKDD Bonds, Series 2007G  
 Issuance Date: 09/22/07  
 Issuance Amount: \$ 519,080  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

<b>Date</b>	<b>Principal</b>	<b>Interest</b>	<b>Total Debt Service</b>	<b>Principal Balance</b>
10/01/19		\$2,066.95	2,066.95	254,394.03
04/01/20	26,468.74	\$2,066.95	28,535.69	227,925.29
10/01/20		\$1,851.89	1,851.89	227,925.29
04/01/21	26,468.74	\$1,851.89	28,320.63	201,456.55
10/01/21		\$1,636.83	1,636.83	201,456.55
04/01/22	27,939.23	\$1,636.83	29,576.06	173,517.32
10/01/22		\$1,409.83	1,409.83	173,517.32
04/01/23	27,939.23	\$1,409.83	29,349.05	145,578.10
10/01/23		\$1,182.82	1,182.82	145,578.10
04/01/24	27,939.23	\$1,182.82	29,122.05	117,638.87
10/01/24		\$955.82	955.82	117,638.87
04/01/25	29,409.71	\$955.82	30,365.53	88,229.16
10/01/25		\$716.86	716.86	88,229.16
04/01/26	29,409.71	\$716.86	30,126.57	58,819.45
10/01/26		\$477.91	477.91	58,819.45
04/01/27	29,409.71	\$477.91	29,887.62	29,409.74
10/01/27		\$238.95	238.95	29,409.74
04/01/28	29,409.74	\$238.95	29,648.69	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: GWKDD Bonds , Series 2008H  
 Issuance Date: 09/22/08  
 Issuance Amount: \$ 2,260,136  
 Debt Instrument: Bond  
 Repayment Source: Water & Sewer Rates

<b>Date</b>	<b>Principal</b>	<b>Interest</b>	<b>Total Debt Service</b>	<b>Principal Balance</b>
10/01/19		15,862.88	15,862.88	1,269,030.01
04/01/20	113,227.39	15,862.88	129,090.27	1,155,802.62
10/01/20		14,447.53	14,447.53	1,155,802.62
04/01/21	116,168.36	14,447.53	130,615.89	1,039,634.26
10/01/21		12,995.43	12,995.43	1,039,634.26
04/01/22	119,109.33	12,995.43	132,104.76	920,524.93
10/01/22		11,506.56	11,506.56	920,524.93
04/01/23	122,050.30	11,506.56	133,556.86	798,474.63
10/01/23		9,980.93	9,980.93	798,474.63
04/01/24	124,991.28	9,980.93	134,972.21	673,483.35
10/01/24		8,418.54	8,418.54	673,483.35
04/01/25	127,932.25	8,418.54	136,350.79	545,551.10
10/01/25		6,819.39	6,819.39	545,551.10
04/01/26	130,873.22	6,819.39	137,692.61	414,677.88
10/01/26		5,183.47	5,183.47	414,677.88
04/01/27	135,284.67	5,183.47	140,468.14	279,393.21
10/01/27		3,492.42	3,492.42	279,393.21
04/01/28	138,225.65	3,492.42	141,718.07	141,167.56
10/01/28		1,764.59	1,764.59	141,167.56
04/01/29	141,167.56	1,764.59	142,932.15	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: 2016 Refunding (2006B - FORMERLY)  
 Issuance Date: 03/30/16  
 Issuance Amount: \$ 3,941,422  
 Debt Instrument: Bond  
 Repayment Source: General Obligation

<b>Date</b>	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19	378,669	32,138	410,807	2,456,981
04/01/20		28,572	28,572	2,456,981
10/01/20	391,395	28,572	419,967	2,065,586
04/01/21		24,593	24,593	2,065,586
10/01/21	400,121	24,593	424,714	1,665,465
04/01/22		18,734	18,734	1,665,465
10/01/22	413,035	18,734	431,769	1,252,430
04/01/23		12,382	12,382	1,252,430
10/01/23	422,430	12,382	434,812	830,000
04/01/24		12,450	12,450	830,000
10/01/24	420,000	12,450	432,450	410,000
04/01/25		6,150	6,150	410,000
10/01/25	410,000	6,150	416,150	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: Parking System Revenue Bonds, Series 2016B  
 Issuance Date: 12/22/16  
 Issuance Amount: \$ 13,500,000  
 Debt Instrument: Bond  
 Repayment Source: Parking Revenue

<b>Date</b>	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19	730,000.00	224,313	954,313	11,395,000
04/01/20		210,808	210,808	11,395,000
10/01/20	760,000.00	210,808	970,808	10,635,000
04/01/21		196,748	196,748	10,635,000
10/01/21	790,000.00	196,748	986,748	9,845,000
04/01/22		182,133	182,133	9,845,000
10/01/22	820,000.00	182,133	1,002,133	9,025,000
04/01/23		166,963	166,963	9,025,000
10/01/23	855,000.00	166,963	1,021,963	8,170,000
04/01/24		151,145	151,145	8,170,000
10/01/24	885,000.00	151,145	1,036,145	7,285,000
04/01/25		134,773	134,773	7,285,000
10/01/25	920,000.00	134,773	1,054,773	6,365,000
04/01/26		117,753	117,753	6,365,000
10/01/26	960,000.00	117,753	1,077,753	5,405,000
04/01/27		99,993	99,993	5,405,000
10/01/27	1,000,000.00	99,993	1,099,993	4,405,000
04/01/28		81,493	81,493	4,405,000
10/01/28	1,040,000.00	81,493	1,121,493	3,365,000
04/01/29		62,253	62,253	3,365,000
10/01/29	1,080,000.00	62,253	1,142,253	2,285,000
04/01/30		42,273	42,273	2,285,000
10/01/30	1,120,000.00	42,273	1,162,273	1,165,000
04/01/31		21,553	21,553	1,165,000
10/01/31	1,165,000.00	21,553	1,186,553	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: Parking System Revenue Bonds, Series 2018  
 Issuance Date: 05/23/18  
 Issuance Amount: \$ 16,325,000  
 Debt Instrument: Bond  
 Repayment Source: Parking Revenue

<b>Date</b>	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
04/01/19		289,850	289,850	16,325,000
10/01/19	840,000.00	289,850	1,129,850	15,485,000
04/01/20		274,936	274,936	15,485,000
10/01/20	870,000.00	274,936	1,144,936	14,615,000
04/01/21		259,489	259,489	14,615,000
10/01/21	905,000.00	259,489	1,164,489	13,710,000
04/01/22		243,421	243,421	13,710,000
10/01/22	935,000.00	243,421	1,178,421	12,775,000
04/01/23		226,820	226,820	12,775,000
10/01/23	970,000.00	226,820	1,196,820	11,805,000
04/01/24		209,598	209,598	11,805,000
10/01/24	1,005,000.00	209,598	1,214,598	10,800,000
04/01/25		191,754	191,754	10,800,000
10/01/25	1,040,000.00	191,754	1,231,754	9,760,000
04/01/26		173,289	173,289	9,760,000
10/01/26	1,075,000.00	173,289	1,248,289	8,685,000
04/01/27		154,202	154,202	8,685,000
10/01/27	1,115,000.00	154,202	1,269,202	7,570,000
04/01/28		134,405	134,405	7,570,000
10/01/28	1,155,000.00	134,405	1,289,405	6,415,000
04/01/29		113,898	113,898	6,415,000
10/01/29	1,195,000.00	113,898	1,308,898	5,220,000
04/01/30		92,681	92,681	5,220,000
10/01/30	1,235,000.00	92,681	1,327,681	3,985,000
04/01/31		70,754	70,754	3,985,000
10/01/31	1,280,000.00	70,754	1,350,754	2,705,000
04/01/32		48,027	48,027	2,705,000
10/01/32	1,330,000.00	48,027	1,378,027	1,375,000
04/01/33		24,413	24,413	1,375,000
10/01/33	1,375,000	24,413	1,399,413	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: 2007A CIB - Motor Pool  
 Issuance Date: 11/15/07  
 Issuance Amount: \$2,645,000  
 Debt Instrument: Bond  
 Repayment Source: General Obligation

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19	205,000.00	4,100.00	209,100.00	2,440,000.00



Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: 2016 Refunding (2006B)  
 Issuance Date: 03/30/16  
 Issuance Amount: \$ 3,258,578  
 Debt Instrument: Bond  
 Repayment Source: General Obligation

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	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19	401,331	34,062	435,393	1,703,019
04/01/20		29,828	29,828	1,703,019
10/01/20	408,605	29,828	438,433	1,294,414
04/01/21		25,807	25,807	1,294,414
10/01/21	419,879	25,807	445,686	874,535
04/01/22		19,366	19,366	874,535
10/01/22	426,965	19,366	446,331	447,570
04/01/23		13,118	13,118	447,570
10/01/23	447,570	13,118	460,688	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: 2015 Refunding Bonds  
 Issuance Date: 11/14/14  
 Issuance Amount: \$ 2,053,000  
 Debt Instrument: Bond  
 Repayment Source: Library Millage

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
12/01/19		12,466.00	12,466.00	1,084,000.00
06/01/20	258,000.00	12,466.00	270,466.00	826,000.00
12/01/20		9,499.00	9,499.00	826,000.00
06/01/21	269,000.00	9,499.00	278,499.00	557,000.00
12/01/21		6,405.50	6,405.50	557,000.00
06/01/22	274,000.00	6,405.50	280,405.50	283,000.00
12/01/22		3,254.50	3,254.50	283,000.00
06/01/23	283,000.00	3,254.50	286,254.50	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: Building Authority, Series 2012R  
 Issuance Date: 09/19/12  
 Issuance Amount: \$ 4,965,000  
 Debt Instrument: Bond  
 Repayment Source: Fire Millage

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
09/01/19	585,000	27,150.00	612,150.00	1,225,000
03/01/20		18,375.00	18,375.00	1,225,000
09/01/20	605,000	18,375.00	623,375.00	620,000
03/01/21		9,300.00	9,300.00	620,000
09/01/21	620,000	9,300.00	629,300.00	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: 2017 GOLTB - Roads  
 Issuance Date: 09/12/17  
 Issuance Amount: \$ 8,500,000  
 Debt Instrument: Bond  
 Repayment Source: Road Millage

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19		64,575.00	64,575.00	6,150,000.00
04/01/20	1,200,000.00	64,575.00	1,264,575.00	4,950,000.00
10/01/20		51,975.00	51,975.00	4,950,000.00
04/01/21	1,200,000.00	51,975.00	1,251,975.00	3,750,000.00
10/01/21		39,375.00	39,375.00	3,750,000.00
04/01/22	1,250,000.00	39,375.00	1,289,375.00	2,500,000.00
10/01/22		26,250.00	26,250.00	2,500,000.00
04/01/23	1,250,000.00	26,250.00	1,276,250.00	1,250,000.00
10/01/23		13,125.00	13,125.00	1,250,000.00
04/01/24	1,250,000.00	13,125.00	1,263,125.00	-

Local Unit Name: City of Royal Oak  
 Local Unit Code: 63-2190  
 Current Fiscal Year End: 06/30/19  
 Debt Name: Limited Tax General Obligation Bonds, Series 2018  
 Issuance Date: 05/23/18  
 Issuance Amount: \$ 32,465,000  
 Debt Instrument: Bond  
 Repayment Source: Limited Tax General Obligation

	<b>Principal</b>	<b>Interest</b>	<b>Debt Service</b>	<b>Principal Balance</b>
10/01/19	-	732,866	732,866	31,545,000
04/01/20	740,000	732,866	1,472,866	30,805,000
10/01/20	-	718,066	718,066	30,805,000
04/01/21	770,000	718,066	1,488,066	30,035,000
10/01/21	-	702,666	702,666	30,035,000
04/01/22	800,000	702,666	1,502,666	29,235,000
10/01/22	-	682,666	682,666	29,235,000
04/01/23	840,000	682,666	1,522,666	28,395,000
10/01/23	-	661,666	661,666	28,395,000
04/01/24	885,000	661,666	1,546,666	27,510,000
10/01/24	-	639,541	639,541	27,510,000
04/01/25	930,000	639,541	1,569,541	26,580,000
10/01/25	-	616,291	616,291	26,580,000
04/01/26	975,000	616,291	1,591,291	25,605,000
10/01/26	-	591,916	591,916	25,605,000
04/01/27	1,025,000	591,916	1,616,916	24,580,000
10/01/27	-	566,291	566,291	24,580,000
04/01/28	1,075,000	566,291	1,641,291	23,505,000
10/01/28	-	539,416	539,416	23,505,000
04/01/29	1,130,000	539,416	1,669,416	22,375,000
10/01/29	-	511,166	511,166	22,375,000
04/01/30	1,185,000	511,166	1,696,166	21,190,000
10/01/30	-	481,541	481,541	21,190,000
04/01/31	1,245,000	481,541	1,726,541	19,945,000
10/01/31	-	450,416	450,416	19,945,000
04/01/32	1,305,000	450,416	1,755,416	18,640,000
10/01/32	-	417,791	417,791	18,640,000
04/01/33	1,370,000	417,791	1,787,791	17,270,000
10/01/33	-	390,391	390,391	17,270,000
04/01/34	1,425,000	390,391	1,815,391	15,845,000
10/01/34	-	361,891	361,891	15,845,000
04/01/35	1,485,000	361,891	1,846,891	14,360,000
10/01/35	-	334,975	334,975	14,360,000
04/01/36	1,540,000	334,975	1,874,975	12,820,000
10/01/36	-	304,175	304,175	12,820,000
04/01/37	1,600,000	304,175	1,904,175	11,220,000
10/01/37	-	272,175	272,175	11,220,000
04/01/38	1,665,000	272,175	1,937,175	9,555,000
10/01/38	-	238,875	238,875	9,555,000
04/01/39	1,730,000	238,875	1,968,875	7,825,000
10/01/39	-	195,625	195,625	7,825,000
04/01/40	1,815,000	195,625	2,010,625	6,010,000
10/01/40	-	150,250	150,250	6,010,000
04/01/41	1,905,000	150,250	2,055,250	4,105,000
10/01/41	-	102,625	102,625	4,105,000
04/01/42	2,000,000	102,625	2,102,625	2,105,000
10/01/42	-	52,625	52,625	2,105,000
04/01/43	2,105,000	52,625	2,157,625	-