

Debt Service Report

Local Unit Name:	Charter Township of Harrison
Local Unit Code:	50-1050
Current Fiscal Year End Date:	12/31/2020
Debt Name:	Bridgeview Bridge
Issuance Date:	3/1/2012
Issuance Amount:	\$218,700
Debt Instrument (or Type):	Note
Repayment Source(s):	General Fund

Years Ending	Principal	Interest	Total
2020	2,432	4,858	7,290
2021	2,557	4,733	7,290
2022	2,687	4,603	7,290
2023	2,825	4,465	7,290
2024	2,969	4,321	7,290
2025	3,121	4,169	7,290
2026	3,281	4,009	7,290
2027	3,449	3,841	7,290
2028	3,625	3,665	7,290
2029	3,811	3,479	7,290
2030	4,006	3,284	7,290
2031	4,211	3,079	7,290
2032	4,426	2,864	7,290
2033	4,653	2,637	7,290
2034	4,891	2,399	7,290
2035	5,141	2,149	7,290
2036	5,404	1,886	7,290
2037	5,680	1,610	7,290
2038	5,971	1,319	7,290
2039	6,277	1,014	7,291
2040	6,598	692	7,290
2041	\$ 7,022	\$ 355	\$ 7,377
Totals	\$ 95,037	\$ 65,431	\$ 160,468

Commentary:

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-1050
Current Fiscal Year End Date: 12/31/2020

Debt Name: Capital Improvement Bonds, Series 2020
Issuance Date: 10/13/2020
Issuance Amount: \$3,333,117
Debt Instrument (or Type): Bond
Repayment Source(s): General Fund and Fire Fund

<u>Years Ending</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2021	260,635	55,596	316,231
2022	266,204	48,500	314,704
2023	270,632	44,071	314,703
2024	275,135	39,568	314,703
2025	279,712	34,991	314,703
2026	284,366	30,337	314,703
2027	289,097	25,606	314,703
2028	293,908	20,796	314,704
2029	298,797	15,906	314,703
2030	303,768	10,935	314,703
2031	98,829	7,614	106,443
2032	100,473	5,970	106,443
2033	102,145	4,298	106,443
2034	103,844	2,599	106,443
2035	105,572	871	106,443
2036			-
2037			-
2038			-
2039			-
2040			-
2041			-
Totals	\$ <u>3,333,117</u>	\$ <u>347,658</u>	\$ <u>3,680,775</u>

Commentary:

Debt Service Report

Local Unit Name:	Charter Township of Harrison
Local Unit Code:	50-01050
Current Fiscal Year End Date:	12/31/2020
Debt Name:	North Gratiot Interceptor Drain District, Series 2010
Issuance Date:	5/1/2010
Issuance Amount:	\$46,005
Debt Instrument (or Type):	Bond
Repayment Source(s):	Sewer revenue

Years Ending	Principal	Interest	Total
2020	\$ -	\$ -	\$ -
2021	\$ 1,668	\$ 1,032	\$ 2,700
2022	\$ 1,722	\$ 981	\$ 2,703
2023	\$ 1,776	\$ 928	\$ 2,704
2024	\$ 1,830	\$ 872	\$ 2,702
2025	\$ 1,885	\$ 812	\$ 2,697
2026	\$ 1,952	\$ 750	\$ 2,702
2027	\$ 2,020	\$ 684	\$ 2,704
2028	\$ 2,088	\$ 615	\$ 2,703
2029	\$ 2,156	\$ 543	\$ 2,699
2030	\$ 2,224	\$ 469	\$ 2,693
2031	\$ 2,305	\$ 391	\$ 2,696
2032	\$ 2,386	\$ 309	\$ 2,695
2033	\$ 2,468	\$ 224	\$ 2,692
2034	\$ 2,549	\$ 137	\$ 2,686
2035	\$ 2,645	\$ 46	\$ 2,691
Totals	\$ 31,674	\$ 8,793	\$ 40,467

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: County Drain- Oakland Macomb 2010A
Issuance Date: 6/1/2010
Issuance Amount: \$782,664
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2020	\$ -	\$ -	\$ -
2021	\$ 38,269	\$ 11,479	\$ 49,748
2022	\$ 39,169	\$ 10,511	\$ 49,680
2023	\$ 40,220	\$ 9,518	\$ 49,738
2024	\$ 41,270	\$ 8,500	\$ 49,770
2025	\$ 42,321	\$ 7,455	\$ 49,776
2026	\$ 43,371	\$ 6,384	\$ 49,755
2027	\$ 44,422	\$ 5,286	\$ 49,708
2028	\$ 45,622	\$ 4,161	\$ 49,783
2029	\$ 46,673	\$ 3,007	\$ 49,680
2030	\$ 47,873	\$ 1,825	\$ 49,698
2031	\$ 49,073	\$ 613	\$ 49,686
Totals	\$ 478,283	\$ 68,739	\$ 547,022

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: County Drain- Oakland Macomb 2011A
Issuance Date: 10/1/2012
Issuance Amount: \$940,812
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2020	\$ -	\$ -	\$ -
2021	\$ 43,853	\$ 16,569	\$ 60,422
2022	\$ 44,774	\$ 15,473	\$ 60,247
2023	\$ 46,064	\$ 14,354	\$ 60,418
2024	\$ 47,170	\$ 13,202	\$ 60,372
2025	\$ 48,275	\$ 12,023	\$ 60,298
2026	\$ 49,565	\$ 10,816	\$ 60,381
2027	\$ 50,855	\$ 9,577	\$ 60,432
2028	\$ 51,960	\$ 8,305	\$ 60,265
2029	\$ 53,250	\$ 7,006	\$ 60,256
2030	\$ 54,724	\$ 5,675	\$ 60,399
2031	\$ 56,014	\$ 4,307	\$ 60,321
2032	\$ 57,488	\$ 2,907	\$ 60,395
2033	\$ 58,776	\$ 1,469	\$ 60,245
Totals	\$ 662,768	\$ 121,683	\$ 784,451

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: County Drain- Oakland Macomb 2013A
Issuance Date: 10/1/2013
Issuance Amount: \$2,052,984
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2020	\$ -	\$ -	\$ -
2021	\$ 95,180	\$ 30,401	\$ 125,581
2022	\$ 97,071	\$ 28,497	\$ 125,568
2023	\$ 98,962	\$ 26,556	\$ 125,518
2024	\$ 101,010	\$ 24,577	\$ 125,587
2025	\$ 102,901	\$ 22,556	\$ 125,457
2026	\$ 105,107	\$ 20,498	\$ 125,605
2027	\$ 107,156	\$ 18,396	\$ 125,552
2028	\$ 109,362	\$ 16,253	\$ 125,615
2029	\$ 111,411	\$ 14,066	\$ 125,477
2030	\$ 113,774	\$ 11,838	\$ 125,612
2031	\$ 115,981	\$ 9,562	\$ 125,543
2032	\$ 118,344	\$ 7,242	\$ 125,586
2033	\$ 120,708	\$ 4,876	\$ 125,584
2034	\$ 123,073	\$ 2,461	\$ 125,534
Totals	\$ 1,520,040	\$ 237,779	\$ 1,757,819

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: County Drain- Oakland Macomb 2014A
Issuance Date: 1/1/2015
Issuance Amount: \$300,170
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2020	\$ -	\$ -	\$ -
2021	\$ 13,276	\$ 6,267	\$ 19,543
2022	\$ 13,691	\$ 6,001	\$ 19,692
2023	\$ 14,106	\$ 5,727	\$ 19,833
2024	\$ 14,314	\$ 5,445	\$ 19,759
2025	\$ 14,728	\$ 5,159	\$ 19,887
2026	\$ 15,351	\$ 4,717	\$ 20,068
2027	\$ 15,766	\$ 4,256	\$ 20,022
2028	\$ 16,181	\$ 3,784	\$ 19,965
2029	\$ 16,803	\$ 3,298	\$ 20,101
2030	\$ 17,218	\$ 2,794	\$ 20,012
2031	\$ 17,840	\$ 2,277	\$ 20,117
2032	\$ 18,462	\$ 1,742	\$ 20,204
2033	\$ 19,085	\$ 1,188	\$ 20,273
2034	\$ 19,706	\$ 616	\$ 20,322
Totals	\$ 226,527	\$ 53,271	\$ 279,798

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: SRF 5624-01 MID Series 2015A
Issuance Date:
Issuance Amount: \$176,089
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2021	\$ 9,148	4,174	\$ 13,322
2022	\$ 9,433	3,945	\$ 13,378
2023	\$ 9,719	3,709	\$ 13,428
2024	\$ 10,005	3,466	\$ 13,471
2025	\$ 10,291	3,216	\$ 13,507
2026	\$ 10,577	2,959	\$ 13,536
2027	\$ 10,863	2,694	\$ 13,557
2028	\$ 11,149	2,423	\$ 13,572
2029	\$ 11,434	2,144	\$ 13,578
2030	\$ 11,434	1,858	\$ 13,292
2031	\$ 12,006	1,572	\$ 13,578
2032	\$ 12,292	1,272	\$ 13,564
2033	\$ 12,578	965	\$ 13,543
2034	\$ 12,864	649	\$ 13,513
2035	\$ 13,149	328	\$ 13,477
Totals	\$ 166,942	\$ 35,374	\$ 202,316

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: North Gratiot Interceptor-2015A Refunding
Issuance Date: 6/1/2015
Issuance Amount: \$376,266
Debt Instrument (or Type): Bond
 Sewer
Repayment Source(s): revenue

Years Ending	Principal	Interest	Total
2020	\$ -	\$ -	\$ -
2021	\$ 21,593	\$ 12,919	\$ 34,512
2022	\$ 21,593	\$ 11,839	\$ 33,432
2023	\$ 21,482	\$ 10,762	\$ 32,244
2024	\$ 21,482	\$ 9,688	\$ 31,170
2025	\$ 21,482	\$ 8,614	\$ 30,096
2026	\$ 23,807	\$ 7,482	\$ 31,289
2027	\$ 23,807	\$ 6,291	\$ 30,098
2028	\$ 23,918	\$ 5,098	\$ 29,016
2029	\$ 23,918	\$ 4,082	\$ 28,000
2030	\$ 23,586	\$ 3,236	\$ 26,822
2031	\$ 25,579	\$ 2,345	\$ 27,924
2032	\$ 25,247	\$ 1,408	\$ 26,655
2033	\$ 24,915	\$ 467	\$ 25,382
Totals	\$ 302,409	\$ 84,231	\$ 386,640

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: OMID 2015A SAW Loan
Issuance Date: 4/1/2015
Issuance Amount: \$600,430
Debt Instrument (or Type): Bond
 Sewer
Repayment Source(s): revenue

Years Ending	Principal	Interest	Total
2020	\$ -	\$ -	\$ -
2021	\$ 25,814	\$ 12,248	\$ 38,062
2022	\$ 26,521	\$ 11,594	\$ 38,115
2023	\$ 27,228	\$ 10,922	\$ 38,150
2024	\$ 27,935	\$ 10,233	\$ 38,168
2025	\$ 28,642	\$ 9,525	\$ 38,167
2026	\$ 29,350	\$ 8,800	\$ 38,150
2027	\$ 30,057	\$ 8,058	\$ 38,115
2028	\$ 30,764	\$ 7,298	\$ 38,062
2029	\$ 31,471	\$ 6,520	\$ 37,991
2030	\$ 32,532	\$ 5,720	\$ 38,252
2031	\$ 33,239	\$ 4,898	\$ 38,137
2032	\$ 33,947	\$ 4,058	\$ 38,005
2033	\$ 35,007	\$ 3,196	\$ 38,203
2034	\$ 35,715	\$ 2,312	\$ 38,027
2035	\$ 36,775	\$ 1,406	\$ 38,181
2036	\$ 37,836	\$ 473	\$ 38,309
Totals	\$ 502,833	\$ 107,261	\$ 571,785

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: Macomb Interceptor CPS 2020 Refunding
Issuance Date:
Issuance Amount: \$981,170
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2021	\$ 61,196	43,448	\$ 104,644
2022	\$ 65,567	40,279	\$ 105,846
2023	\$ 67,315	36,957	\$ 104,272
2024	\$ 71,686	33,482	\$ 105,168
2025	\$ 75,766	29,796	\$ 105,562
2026	\$ 79,846	25,906	\$ 105,752
2027	\$ 81,886	21,863	\$ 103,749
2028	\$ 90,336	17,557	\$ 107,893
2029	\$ 95,582	12,909	\$ 108,491
2030	\$ 101,118	7,992	\$ 109,110
2031	\$ 109,278	2,732	\$ 112,010
Totals	\$ 899,576	\$ 272,921	\$ 1,172,497

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: 2017A Macomb Interceptor Drain Refunding
Issuance Date:
Issuance Amount: \$6,468,599
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2021	\$ 224,741	\$ 294,653	\$ 519,394
2022	\$ 235,984	\$ 283,135	\$ 519,119
2023	\$ 247,736	\$ 271,042	\$ 518,778
2024	\$ 260,033	\$ 258,348	\$ 518,381
2025	\$ 273,168	\$ 245,018	\$ 518,186
2026	\$ 286,812	\$ 231,018	\$ 517,830
2027	\$ 301,002	\$ 216,323	\$ 517,325
2028	\$ 315,955	\$ 200,899	\$ 516,854
2029	\$ 331,491	\$ 184,713	\$ 516,204
2030	\$ 348,082	\$ 167,723	\$ 515,805
2031	\$ 365,219	\$ 149,891	\$ 515,110
2032	\$ 383,156	\$ 131,182	\$ 514,338
2033	\$ 402,186	\$ 111,548	\$ 513,734
2034	\$ 422,233	\$ 90,938	\$ 513,171
2035	\$ 442,863	\$ 73,739	\$ 516,602
2036	\$ 176,445	\$ 63,567	\$ 240,012
2037	\$ 183,445	\$ 56,369	\$ 239,814
2038	\$ 190,736	\$ 47,932	\$ 238,668
2039	\$ 200,360	\$ 38,154	\$ 238,514
2040	\$ 210,276	\$ 27,889	\$ 238,165
2041	\$ 220,775	\$ 17,112	\$ 237,887
2042	\$ 231,856	\$ 5,796	\$ 237,652
Totals	\$ 6,254,554	\$ 3,166,989	\$ 9,421,543

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: 2019A Refunding Bonds
Issuance Date:
Issuance Amount: \$135,368
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2020	\$ -	-	\$ -
2021	\$ 10,655	2,253	\$ 12,908
2022	\$ 10,955	2,053	\$ 13,008
2023	\$ 11,406	1,846	\$ 13,252
2024	\$ 12,006	1,630	\$ 13,636
2025	\$ 12,456	1,403	\$ 13,859
2026	\$ 12,906	1,169	\$ 14,075
2027	\$ 13,357	926	\$ 14,283
2028	\$ 13,807	675	\$ 14,482
2029	\$ 14,557	412	\$ 14,969
2030	\$ 15,008	139	\$ 15,147
Totals	\$ 127,113	\$ 12,506	\$ 139,619

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: 2019B Oakland-Macomb Interceptor
Issuance Date:
Issuance Amount: \$499,795
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2020	\$ -	-	\$ -
2021	\$ 98,903	4,465	\$ 103,368
2022	\$ 46,091	2,932	\$ 49,023
2023	\$ 47,051	2,218	\$ 49,268
2024	\$ 47,531	1,488	\$ 49,019
2025	\$ 48,491	752	\$ 49,243
Totals	\$ 288,066	\$ 11,855	\$ 299,921

Debt Service Report

Local Unit Name: Charter Township of Harrison
Local Unit Code: 50-01050
Current Fiscal Year End Date: 12/31/2020

Debt Name: 2020A Oakland-Macomb Interceptor
Issuance Date:
Issuance Amount: \$3,082,000
Debt Instrument (or Type): Bond
Repayment Source(s): Sewer revenue

Years Ending	Principal	Interest	Total
2020	\$ -	-	\$ -
2021	\$ 52,520	86,143	\$ 138,664
2022	\$ 75,144	101,440	\$ 176,584
2023	\$ 78,646	97,682	\$ 176,328
2024	\$ 82,686	93,750	\$ 176,436
2025	\$ 86,726	89,616	\$ 176,342
2026	\$ 134,398	85,280	\$ 219,678
2027	\$ 141,132	78,560	\$ 219,691
2028	\$ 148,134	71,503	\$ 219,637
2029	\$ 155,676	64,096	\$ 219,772
2030	\$ 163,486	56,313	\$ 219,799
2031	\$ 171,836	48,138	\$ 219,974
2032	\$ 178,569	41,265	\$ 219,834
2033	\$ 186,110	34,122	\$ 220,233
2034	\$ 191,497	28,539	\$ 220,036
2035	\$ 195,537	24,709	\$ 220,246
2036	\$ 199,577	20,798	\$ 220,375
2037	\$ 203,887	16,807	\$ 220,693
2038	\$ 207,927	12,729	\$ 220,655
2039	\$ 212,236	8,570	\$ 220,806
2040	\$ 216,276	4,326	\$ 220,602
Totals	\$ 3,082,000	\$ 1,064,384	\$ 4,146,385