

Mace, Jennie C.

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Your Continuing Disclosure Submission has been published.

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BAINBRIDGE TOWNSHIP, COUNTY OF GEAUGA, OHIO

**ANNUAL INFORMATION FILING FOR
FISCAL YEAR 2017**

The following provides, in accordance with the continuing disclosure agreement (the Continuing Disclosure Agreement) entered into by Bainbridge Township, County of Geauga, Ohio (the Township), annual financial information and operating data for the Township's fiscal year ended December 31, 2017 (Fiscal Year 2017), of the type included in the final official statement for its primary offerings of and issuances:

\$3,165,000 Police Station Construction Refunding Bonds, Series 2012, dated December 27, 2012. Final Maturity December 1, 2023.

\$2,765,000 Fire Station Improvement Bonds, Series 2012, dated December 27, 2012. Final Maturity December 1, 2032.

The applicable CUSIP number is 057037.

The Annual Information Filing constitutes only the annual financial information and operating data agreed to be provided under the Continuing Disclosure Agreement entered into at the time of the primary offerings referenced above. No representation is made as to the materiality or completeness of that information. Other relevant information for Fiscal Year 2017 may exist, and matters may have occurred or become known during or since that period, which an investor would consider to be important when making an investment decision. Further, no representation is made that the Annual Information Filing is indicative of financial or operating results of the Township since the end of Fiscal Year 2017 or future financial or operating results. Finally, the inclusion of certain information pertaining to post-Fiscal Year 2017 events, if any, is provided solely for convenience, and is not intended to suggest that other such information not so included is any less material or important to an investor.

Dated: August 28, 2018

**BAINBRIDGE TOWNSHIP,
COUNTY OF GEAUGA, OHIO**

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INTRODUCTORY STATEMENT

The Township entered into the Continuing Disclosure Agreement pursuant to SEC Rule 15c2-12 (the Rule) in connection with the primary offerings and issuances by the Township of the bond issues identified on the cover page (collectively, the Bonds). The Continuing Disclosure Agreement requires the Township to provide annually financial information and operating data for its immediately preceding Fiscal Year of the type included in the final official statement for these offerings (the Official Statement). This Annual Information Filing provides such financial information and operating data for the Township's Fiscal Year ended December 31, 2017.

All financial and other information in this Annual Information Filing has been provided by the Township from its records, except for information expressly attributed to other sources. More complete information regarding laws, reports and documents referenced in this Annual Information Filing may be obtained by reviewing those laws, reports and documents. Subject to limited exceptions, records of the Township are available for public inspection and copies may be obtained at cost upon request. Questions regarding information contained in this Annual Information Filing and requests for copies of documents should be directed to the Fiscal Officer of the Township at the address shown on the cover. The presentation of information, including tables of receipts from taxes and other sources, is intended to show recent historical information, and is not intended to indicate future or continuing trends in the financial position or other affairs of the Township. No representation is made that past experience, as is shown by that financial and other information, will necessarily continue or otherwise be predictive of future experience. The information and expressions of opinion herein are subject to change without notice. The delivery of this Annual Information Filing shall not, under any circumstances, give rise to any implication that the affairs of the Township have not changed since the date of this Annual Information Filing.

The Township's audited basic financial statements for Fiscal Years 2016 and 2017 (the Fiscal Year 2017 Financial Statements) were filed with the Municipal Securities Rulemaking Board (MSRB) in an electronic format prescribed by the MSRB using the MSRB's Electronic Municipal Market Access (EMMA) platform on June 12, 2018. Those audited financial statements are hereby incorporated by reference and made a part of this Annual Information Filing.

As used in this Annual Information Filing:

- **“Board”** means the Board of Trustees of the Township.
- **“County”** means the County of Geauga, Ohio.
- **“County Auditor”** means the Auditor of the County.
- **“Debt charges”** means the principal (including any mandatory sinking fund deposits and mandatory redemption payments), interest and any redemption premium payable on the obligations referred to as those payments come due and are payable; debt charges may also be referred to as “debt service.”
- **“Fiscal Year”** means the 12-month period ending December 31, and reference to a particular Fiscal Year (such as “Fiscal Year 2017”) means the Fiscal Year ending on December 31 in that year.
- **“Revised Code”** means the Ohio Revised Code.
- **“State”** or **“Ohio”** means the State of Ohio.

AD VALOREM PROPERTY TAXES

Assessed Valuation

The following table shows the recent assessed valuations of property subject to ad valorem taxes levied by the Township.

Collection Year	Real(a)	Public Utility(b)	Total Assessed Valuation
2014	\$514,041,570	\$ 9,067,020	\$523,108,590
2015(c)	519,864,380	9,528,460	529,392,840
2016	524,642,220	9,713,300	534,355,520
2017	530,609,810	10,411,000	541,020,810
2018(d)	551,386,150	10,935,570	562,321,720

- (a) Other than real property of railroads. The real property of public utilities, other than railroads, is assessed by the County Auditor. Real property of railroads is assessed, together with tangible personal property of all public utilities, by the State Tax Commissioner.
- (b) Tangible personal property of all public utilities and real property of railroads; see footnotes (a).
- (c) Reflects triennial adjustment.
- (d) Reflects sexennial reappraisal.

Source: County Auditor.

Taxes collected on “Real” in one calendar year are levied in the preceding calendar year on assessed values as of January 1 of that preceding year. “Public Utility” (real and tangible personal) taxes collected in one calendar year are levied in the preceding calendar year on assessed values determined as of December 31 of the second year preceding the tax collection year.

Pursuant to statutory requirements for sexennial reappraisals, in 2017 the County Auditor adjusted the true value of taxable real property to reflect current fair market values. These adjustments were first reflected in the 2017 duplicate (collection year 2018) and in the ad valorem taxes distributed to the Township in 2018 and thereafter. The County Auditor is required to adjust (but without individual appraisal of properties except in the sexennial reappraisal), and has adjusted, taxable real property value triennially to reflect true values. The County Auditor completed such a triennial adjustment in 2014.

The “assessed valuation” of real property is fixed at 35% of true value and is determined pursuant to rules of the State Tax Commissioner. An exception is that real property devoted exclusively to agricultural use is to be assessed at not more than 35% of its current agricultural use value. Real property devoted exclusively to forestry or timber growing is taxed at 50% of the local tax rate upon its assessed value.

Public utility tangible personal property (with some exceptions) is currently assessed (depending on the type of property) from 25% to 88% of true value. Effective for collection year 2002, the assessed valuation of electric utility production equipment was reduced from 100% and natural gas utility property from 88% of true value, both to 25% of true value.

The taxation of all tangible personal property used in general businesses (excluding certain public utility tangible personal property) was phased out over tax years 2006 to 2009. Previously, machinery and equipment and furniture and fixtures were generally taxed at 25% of true value, and inventory was taxed at 23%. The taxation of all tangible personal property used by telephone, telegraph or interexchange telecommunications companies (“telecommunications

property”) was phased out over tax years 2007 to 2011. Previously, telecommunications property was taxed at 25% or 46% of true value (depending on the type of equipment and when it was placed into service).

As a result of the phase-out of taxation of tangible personal property used in general business (excluding certain public utility property) and tangible personal property used by telephone, telegraph or interexchange telecommunications companies, as described above, and a 2002 reduction of the percentages of true value of electric utility production equipment and natural gas utility property assessed for taxation, eligible local governments have received reimbursement payments from the State to account for the loss of property tax revenue. The Township has not received a reimbursement from the State relating to lost property revenue from operating levies since 2013.

As indicated herein, the General Assembly has from time to time exercised its power to revise the laws applicable to the determination of assessed valuation of taxable property and the amount of receipts to be produced by ad valorem taxes levied on that property and may continue to make similar revisions.

Ohio law grants tax credits to offset increases in taxes resulting from increases in the true value of real property. Legislation classifies real property as between residential and agricultural property and all other real property, and provides for tax reduction factors to be separately computed for and applied to each class. These tax credits apply only to certain voted levies on real property, and they do not apply to unvoted levies or to voted levies to provide a specified dollar amount or to pay debt charges on general obligation debt. These credits are discussed further following **Tax Table A**.

Tax Rates

All references to tax rates under this caption are in terms of stated rates in mills per \$1.00 of assessed valuation.

The following are the rates at which the Township and overlapping taxing subdivisions have in recent years levied ad valorem property taxes.

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**TAX TABLE A
Overlapping Tax Rates**

Collection Year	Township	County	Kenston Local School District	Career Center	Library	Total
2014	25.60	14.10	86.65	1.50	2.00	129.85
2015	25.60	13.40	86.43	1.50	2.00	128.93
2016	25.60	15.60	90.64	1.50	2.00	135.34
2017	27.60	15.60	90.59	1.50	2.00	137.29
2018	27.60	15.60	90.33	1.50	2.50	137.53

Collection Year	Township	County	Chagrin Falls Exempted Village School District	Library	Total
2014	25.60	14.10	115.60	2.00	157.30
2015	25.60	13.40	115.30	2.00	156.30
2016	25.60	15.60	115.30	2.00	158.50
2017	27.60	15.60	115.20	2.00	160.40
2018	27.60	15.60	124.10	2.50	169.80

Source: County Auditor.

Statutory procedures limit, by the application of tax credits, the amount realized by each taxing subdivision from real property taxation to the amount realized from those taxes in the preceding year plus both:

- the proceeds of any new taxes (other than renewals) approved by the electors, calculated to produce an amount equal to the amount that would have been realized if those taxes had been levied in the preceding year; and
- amounts realized from new and existing taxes on the assessed valuation of real property added to the tax duplicate since the preceding year.

The tax credit provisions do not apply to amounts realized from taxes levied at whatever rate is required to produce a specified amount or an amount to pay debt charges on voted general obligations, or from taxes levied inside the ten-mill limitation or any applicable charter tax rate limitation. To calculate the limited amount to be realized, a reduction factor is applied to the stated rates of the levies subject to these tax credits. A resulting “effective tax rate” reflects the aggregate of those reductions, and is the rate based on which real property taxes are in fact collected. As an example, the total overlapping tax rate for the 2018 tax collection year of 169.80 mills within the Township (in the portion overlapping Chagrin Falls Exempted Village School District) is reduced by reduction factors of 0.441866 for residential/agricultural property and 0.366836 for all other real property, which results in “effective tax rates” of 94.771174 mills for residential and agricultural property and 107.511382 mills for all other real property. See **Tax Table A**.

Residential and agricultural real property tax amounts paid by taxpayers generally have been further reduced by an additional 10% (12.5% in the case of owner-occupied residential property); however, legislation passed by the State’s General Assembly in 2013

eliminated such reductions for additional and replacement levies approved at elections after September 29, 2013, and for other taxes (or increases in taxes) not levied for tax year 2013. See **Collections** for a discussion of reimbursements by the State to taxing subdivisions for these reductions and related changes made by that State legislation.

The following are the rates at which the Township levied property taxes for the general categories of purposes for the years shown, both inside and outside the ten-mill limitation.

**TAX TABLE B
Township Tax Rates**

Inside the Limitation

Collection Year	Total, all Operating
2014	3.00
2015	3.00
2016	3.00
2017	3.00
2018	3.00

Voted

Collection Year	Total, all Operating
2014	22.60
2015	22.60
2016	22.60
2017	24.60
2018	24.60

See the discussion of the ten-mill limitation, and the priority of claim on that millage for debt charges on unvoted general obligation debt, under **Indirect Debt and Unvoted Property Tax Limitations**.

The following table presents certain information concerning the Township's voted property tax levies each of which, except as otherwise noted, are levied for a continuing period of time:

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Voter Authorized	Millage Rate Levied for Collection Year 2018		Last Collection Year
	Res./Agr.	All Other	
1.50	0.323970	0.547719	Continuing
2.00	0.431960	0.730292	Continuing
0.50	0.107990	0.182573	Continuing
1.50	0.569121	0.760836	Continuing
2.00	0.760344	1.014448	Continuing
2.00	0.879624	1.171936	Continuing
2.50	1.105000	1.474017	Continuing
1.50	0.986914	1.209358	Continuing
2.00	1.330768	1.612478	2021
1.00	0.704610	0.824250	Continuing
1.00	0.884350	0.997325	2019
2.00	1.773658	1.994650	2020
1.25	1.199752	1.246656	Continuing
1.85	1.775633	1.845051	Continuing
2.00	1.929920	1.994650	Continuing

Collections

The following are the amounts billed and collected for Township ad valorem property taxes on real and public utility property for the tax collection years shown.

Collection Year	Current Billed	Current Collected	Current % Collected	Delinquent	
				Current	Accumulated
2013	\$ 8,745,419	\$ 8,486,596	97.04%	\$258,823	\$178,471
2014	8,830,549	8,651,826	97.98	178,723	139,063
2015	8,921,132	8,743,722	98.01	182,914	148,077
2016	8,979,576	8,759,531	97.55	220,045	131,629
2017	10,164,148	10,008,209	98.47	155,939	160,706

Source: County Auditor.

Included in the “Current Billed” and “Current Collected” figures above are payments made from State revenue sources under two Statewide real property tax relief programs – the Homestead Exemption and the Property Tax Rollback Exemption. Homestead Exemptions have been available for (i) persons 65 years of age or older, (ii) persons who are totally or permanently disabled and (iii) surviving spouses of persons who were totally or permanently disabled or 65 years of age or older, and had applied and qualified for a reduction of property taxes in the year of death, so long as the surviving spouses were not younger than 59 or older than 65 years of age on the date of their deceased spouses’ deaths. The Homestead Exemption exempts \$25,000 of the homestead’s market value from taxation, thereby reducing the property owner’s ad valorem property tax liability. The Property Tax Rollback Exemption applies to all non-business properties, and reduces each property owner’s ad valorem property tax liability by either 12.5% (for owner-occupied non-business properties) or 10% (for non-owner non-business occupied properties). Payments to taxing subdivisions have been made in amounts approximately equal to the Homestead and Property Tax Rollback Exemptions granted. This State assistance reflected in the Township’s tax collections for 2017 was \$142,609 for the elderly/disabled homestead payment and \$877,276 for the rollback payment.

Legislation passed by the State's General Assembly made the Homestead Exemption subject to means testing beginning January 1, 2014, and eliminated the Property Tax Rollback Exemption and related reimbursements with respect to new or replacement tax levies approved at elections after its effective date and for other taxes (or increases in taxes) not levied for tax year 2013. See **Tax Rates**.

Real property taxes are payable in two installments, the first usually by February and the second in July.

Delinquencies

The following is a general description of delinquency procedures under Ohio law, the implementation of which may vary in practice among the counties. Under the Revised Code, taxes become a lien of the State on the first day of January, annually, and continue until the taxes, including any penalties, interest or other charges, are paid. Real estate taxes and special assessments that are not paid in the year they are due are to be certified by the county auditor's office as delinquent. Any amount of a previous tax bill not paid before new tax bills are mailed for the next half of the year is considered delinquent and becomes subject to a 10% penalty. A list of delinquent properties is compiled by the county auditor (the "delinquent land duplicate"). If delinquent taxes (and special assessments) are not paid within 60 days after a copy of the county auditor's delinquent land duplicate is delivered to the county treasurer, then the county treasurer is to enforce the lien of the State that attached on January 1 of the year the taxes first became payable. Under State law (Section 323.25 of the Revised Code), the county treasurer is to enforce the lien "in the same way mortgage liens are enforced," that is, by an action in the court of common pleas for foreclosure and sale of the property in satisfaction of the delinquency. If the county treasurer fails to bring an action to enforce the lien, then the State Tax Commissioner is to do so. In addition, one year after certification of a delinquent land list, the county prosecuting attorney is authorized to institute foreclosure proceedings in the name of the county treasurer to foreclose the lien.

The property owner may arrange a payment plan with the county treasurer providing for payments over a period not to exceed five years. If payments are made when due under the plan, no further interest will be assessed against delinquent balances covered by the plan; a default in any payment under the plan or in the payment of current taxes will invalidate the taxpayer's participation in the plan. If a payment plan is not adhered to or if none is arranged, foreclosure proceedings may be initiated by the county. Mass foreclosure proceedings and sales are permitted after three years' delinquency. Proceeds from delinquent property foreclosure sales become part of and are distributed as current collections to the taxing subdivisions.

In recent years, the State legislature has enacted several programs with respect to forestalling the foreclosure process or the forfeiture of property due to tax delinquency that may have the effect of delaying or eliminating the collection of certain property taxes. Notwithstanding the delay or loss of the tax revenues from those properties, an issuer of general obligation notes or bonds, such as the Township, remains obligated to pay the debt charges on those notes or bonds from the available revenues.

Of the 6,804 nonexempt parcels in the Township for collection year 2017, the number of delinquent parcels was 404, against 26 of which foreclosure proceedings were commenced.

There is one taxpayer that accounts for more than 5% of any of the delinquencies of ad valorem real property taxes or special assessments identified above for tax collection year 2017.

STATE LOCAL GOVERNMENT ASSISTANCE FUNDS

Statutory state-level local government assistance funds, comprised of designated State revenues, are another source of revenue to the General Fund. Most are distributed to each county and then allocated on a formula basis, or in some cases on an agreement basis, among the county and cities, villages and townships, and in some cases park districts, in the county. Township receipts from those funds are set forth in the following table:

Year	Receipts
2013	\$ 81,565
2014	78,552
2015	100,039
2016	91,390
2017	95,309

The amounts of and formula for distribution of these funds have been and may be revised from time to time.

ESTATE TAXES

The State had previously distributed significant portions of the State estate tax to decedents' communities of residence. Due to the nature of this tax, the annual amounts received have varied significantly. The Township received \$12,683 and \$0 from this source in 2016 and 2017. The Township has credited these distributions to its General Fund. The State estate tax has been eliminated for decedents dying on or after January 1, 2013; however, distributions related to the estates of decedents dying before that date will continue until those estates are settled.

TOWNSHIP DEBT AND OTHER LONG-TERM OBLIGATIONS

The following describes the security for general obligation debt, and applicable debt and ad valorem property tax limitations, and outstanding and projected bond and note indebtedness and certain other long-term financial obligations of the Township.

As used in the discussions that follow, the term "BANs" refers to notes issued in anticipation of the issuance of general obligation bonds.

Certain overlapping subdivisions also may issue voted and unvoted general obligation debt.

The Township is not, and to the knowledge of current Township officials has not in at least the last 25 years been, in default in the payment of debt charges on any of the bonds or notes on which the Township is obligor or in a condition of default under any financing documents relating to any issue of revenue bonds.

Security for General Obligation Debt; Bonds and BANs

The following describes the security for Township general obligation debt: bonds and bond anticipation notes (BANs).

Voted Bonds. The basic security for voted Township general obligation bonds is the authorization by the electors for the Township to levy, and its levy pursuant to constitutional and statutory requirements of, ad valorem taxes, without limitation as to rate or amount, on all real and tangible personal property subject to ad valorem taxation by the Township. These taxes are outside of the ten-mill limitation and are to be sufficient in amount to pay (to the extent not paid from other sources) as they come due the debt charges on the voted bonds (subject to bankruptcy, insolvency, arrangement, fraudulent conveyance or transfer, reorganization, moratorium and other laws relating to or affecting creditors' rights, to the application of equitable principles, to the exercise of judicial discretion, and to limitations on legal remedies against public entities).

As of December 31, 2017, the Township had no voted general obligation bonds outstanding.

Unvoted Bonds. The basic security for unvoted Township general obligation bonds is the Township's ability to levy, and its levy pursuant to constitutional and statutory requirements of, ad valorem taxes on all real and tangible personal property subject to ad valorem taxation by the Township, within the ten-mill limitation described below. These taxes are to be sufficient in amount to pay (to the extent not paid from other sources) as they come due the debt charges on unvoted general obligation bonds. The law provides that the levy necessary for debt charges has priority over any levy for other purposes within that tax limitation; that priority may be subject to bankruptcy, insolvency, arrangement, fraudulent conveyance or transfer, reorganization, moratorium and other laws relating to or affecting creditors' rights, to the application of equitable principles, to the exercise of judicial discretion, and to limitations on legal remedies against public entities. See the discussion under **Indirect Debt and Unvoted Property Tax Limitations** of the ten-mill limitation, and the priority of claim on it for debt charges on unvoted general obligation debt of the Township and all overlapping taxing subdivisions.

BANs. BANs may be retired at maturity from the proceeds of the sale of renewal notes or of the bonds anticipated by the BANs, or available funds of the Township, or a combination of these sources. While BANs are outstanding, Ohio law requires the levy of ad valorem property taxes in an amount not less than what would have been levied if bonds had been issued without the prior issuance of the BANs. That levy need not actually be collected if payment in fact is to be provided from other sources, such as the proceeds of the bonds anticipated or of renewal BANs. BANs, including renewal BANs, may be issued and outstanding from time to time up to a maximum period of 240 months from the date of issuance of the original notes. Any period in excess of five years must be deducted from the permitted maximum maturity of the bonds anticipated. Portions of the principal amount of BANs outstanding for more than five years must be retired in amounts at least equal to, and payable not later than, those principal maturities that would have been required if the bonds had been issued at the expiration of the initial five-year period.

As of December 31, 2017, the Township had no outstanding BANs.

Statutory Direct Debt Limitations

The Revised Code provides that the net principal amount of debt of a township, excluding "exempt debt" (discussed below), may not exceed 5% of the total tax valuation of all property in the township as listed and assessed for taxation. This limitation, which is referred to as the "direct debt limitation," may be amended from time to time by the General Assembly.

The Township's ability to incur unvoted debt (whether or not exempt from the direct debt limitation) also is restricted by the indirect debt limitation discussed below under **Indirect Debt and Unvoted Property Tax Limitations**.

Certain debt that the Township may issue is exempt from the direct debt limitations (exempt debt). Exempt debt includes, among others, the following categories.

- General obligation debt:
 - In anticipation of the levy or collection of special assessments.
 - To pay final judgments or court-approved settlements.
- Notes anticipating the collection of current revenues.
- Notes issued for certain energy conservation improvements.
- Securities issued for certain park lands and materials.
- Securities issued for certain construction of buildings or for certain acquisition of equipment, buildings or sites.
- Securities issued for certain firefighting equipment, buildings and sites.
- Securities issued for certain road machinery and equipment.
- Notes issued in anticipation of certain voted tax levy proceeds.

BANs issued in anticipation of exempt bonds also are exempt debt.

The Township may incur debt for operating purposes, such as current tax revenue anticipation notes or tax anticipation notes, only under certain limited statutory authority.

In the calculation of debt subject to the direct debt limitations, the amount in a township’s bond retirement fund allocable to the principal amount of nonexempt debt is deducted from gross nonexempt debt. Without consideration of amounts in the Township’s Bond Retirement Fund, and based on outstanding debt and current tax (assessed) valuation, the Township’s voted and unvoted nonexempt debt capacities as of December 31, 2017 were:

Limitation	Nonexempt Debt Outstanding	Additional Debt Capacity Within Limitation
5% = \$28,116,086	\$0	\$28,116,086

This is further detailed in **Debt Table A**

Indirect Debt and Unvoted Property Tax Limitations

Voted general obligation debt may be issued by the Township if authorized by vote of the electors. Ad valorem taxes, without limitation as to amount or rate, to pay debt charges on voted bonds are authorized by the electors at the same time they authorize the issuance of the bonds.

General obligation debt also may be issued by the Township without a vote of the electors. This unvoted debt may not be issued unless the ad valorem property tax for the payment of debt charges on those bonds (or the bonds in anticipation of which BANs are issued)

and all outstanding unvoted general obligation bonds (including bonds in anticipation of which BANs are issued) of the combination of overlapping taxing subdivisions including the Township resulting in the highest tax required for such debt charges in any year is 10 mills or less per \$1.00 of assessed valuation. This indirect debt limitation, the product of what is commonly referred to as the “ten-mill limitation,” is imposed by a combination of provisions of the Ohio Constitution and the Revised Code.

The ten mill limitation is the maximum aggregate millage for all purposes that may be levied on any single piece of property by all overlapping taxing subdivisions without a vote of the electors. This 10 mills is allocated pursuant to a statutory formula among certain overlapping taxing subdivisions in the County, including the Township. The entire 10 mills is currently being levied by the combination of the Township and the taxing subdivisions overlapping the Township. For collection year 2018, the allocation of the 10 mills (sometimes referred to as the “inside millage”) is as follows: 2.50 mills for the County, 4.50 mills for Kenston Local School District (4.50 mills for Chagrin Falls Exempted Village School District) and 3.00 mills for the Township.

Present Ohio law requires the inside millage allocated to a taxing subdivision to be used first for the payment of debt charges on its unvoted general obligation debt, unless provision has been made for that payment from other sources, with the balance usable for other purposes. To the extent this inside millage is required for debt charges of a taxing subdivision (which may exceed the formula allocation to that subdivision), the amount that would otherwise be available to that subdivision for general fund purposes is reduced. Because the inside millage that may actually be required to pay debt charges on a subdivision’s unvoted general obligation debt may exceed the formula allocation of that millage to the subdivision, the excess reduces the amount of inside millage available to overlapping subdivisions. In the case of the Township, however, a law applicable to all Ohio cities and villages requires that any lawfully available receipts from a municipal income tax or from voted property tax levies be allocated to pay debt charges on Township unvoted debt before the formula allocations of the inside millage to overlapping subdivisions can be invaded for that purpose.

In the case of BANs issued in anticipation of unvoted general obligation bonds, the highest estimate of annual debt charges for the anticipated bonds is used to calculate the millage required.

Revenue bonds and notes and mortgage revenue bonds are not included in debt subject to the indirect limitation since they are not general obligations of the Township, and the full faith and credit and property taxing power of the Township is not pledged for their payment.

The indirect limitation applies to all outstanding unvoted general obligation debt even if debt charges on some of it is expected to be paid in fact from municipal income taxes, special assessments, utility revenues or other sources.

As of December 31, 2017, the highest requirement for debt charges in any year for all Township debt subject to the ten-mill limitation was estimated to be \$508,800. That debt includes the Bonds and unvoted general obligation bonds outstanding. The payment of those annual debt charges would require a levy of an estimated 0.9048 mills based on current assessed valuation.

As of December 31, 2017, the total millage theoretically required by the Township, the County and Chagrin Falls Exempted Village School District (the overlapping taxing subdivisions that have issued unvoted debt) for debt charges on their outstanding unvoted general obligation debt (including the Bonds) was estimated to be 1.4157 mills for the year of the highest potential debt charges. There thus remain 8.5843 mills within the ten-mill limitation that

have yet to be allocated to debt charges and that are available to the Township and overlapping subdivisions in connection with the issuance of additional unvoted general obligation debt.

Debt Outstanding

The Debt Tables attached provide information concerning the Township's outstanding debt represented by bonds and notes, with respect to Township and overlapping subdivision general obligation debt allocations, and debt charges. See **Debt Tables**.

The following table shows the principal amount of Township general obligation debt outstanding as of December 31 in the years shown.

Year	Total
2013	\$5,535,000
2014	5,130,000
2015	4,720,000
2016	4,305,000
2017	3,890,000

Bond Retirement Fund

The Bond Retirement Fund is the fund from which the Township pays debt service, and into which moneys required to be applied to those payments are deposited.

Long-Term Financial Obligations Other Than Bonds and Notes

The Township has leases for copiers for the Police, Zoning and Road Departments. The Police Department lease, dated October 30, 2014, is for a total of \$3,657 as of December 31, 2017, and is payable over 60 months at \$159 per month. The Zoning Department lease, dated October 2, 2014, is for a total of \$3,916 as of December 31, 2017, and is payable over 60 months at \$178 per month. The Road Department lease, dated October 9, 2015, is for a total of \$5,810 as of December 31, 2017, and is payable over 60 months at \$166 per month.

As of December 31, 2017, the Township had no other long-term financial obligations, other than the bonds and notes described above, the retirement obligations and liability described under **Retirement Expenses** and the compensated absences described in the Notes to the Fiscal Year 2017 Financial Statements.

Retirement Expenses

Present and retired employees of the Township are covered under two statewide public employee retirement (including disability retirement) systems. The Ohio Police and Fire Pension Fund (OP&F) covers uniformed members of the fire department. All other eligible Township employees, including police, are covered by the Ohio Public Employees Retirement System (OPERS).

OPERS and OP&F are two of five statewide public employee retirement systems created by and operating pursuant to Ohio law, all of which currently have unfunded actuarial accrued liabilities. The General Assembly has the power to amend the format of those systems and to revise rates and methods of contributions to be made by public employers and their employees and eligibility criteria, benefits or benefit levels for employee members. In 2012, the General Assembly passed five separate pension reform measures intended to assist each of the

five retirement systems in addressing its unfunded actuarial accrued liabilities. The reform legislation passed with respect to OPERS and OP&F provided for (i) no change in the Township contribution rates with respect to its employees' earnable salaries, (ii) no change in OPERS employee contribution rate, and (iii) an increase in the OP&F employee contribution rate from 10% to 12.25% in annual increments of 0.75% that began on July 2, 2013. With certain transition provisions applicable to certain current employees, the reform legislation has, among other changes, increased minimum age and service requirements for retirement and disability benefits, revised the calculation of an employee's final average salary on which pension benefits are based to include the five highest years (rather than the three highest years), provided for OPERS pension benefits to be calculated on a lower, fixed formula, changed provisions with respect to future cost-of-living adjustments to limit those adjustments to the lesser of any increase in the Consumer Price Index or three percent. The OP&F reform legislation also authorizes the OP&F board to further adjust member contribution rates or further adjust age and service requirements after November 1, 2017, if, after an actuarial investigation, the board determines that an adjustment is appropriate.

For further information on these pension plans and for Fiscal Year 2017 reporting with respect to employer pensions, see the Notes to the Fiscal Year 2017 Financial Statements. Financial and other information for OPERS and OP&F can also be found on the respective website for each retirement system including its Comprehensive Annual Financial Report.

In Fiscal Year 2017, Township employees covered by OPERS contributed at a statutory rate of 10.0% of earnable salary (13% for police personnel). The Township's statutory contribution rate for those employees was 14.0% (18.1% for police personnel) of the same base. In Fiscal Year 2017, Township employees covered by OP&F contributed at a statutory rate of 12.25% of earnable salary. As the employer, the Township's statutory contribution rates, applied to the same base, are 24.0% for fire personnel. These employee and employer contribution rates have been and are now the maximums permitted under current State law.

The Township's current employer contributions to OPERS and OP&F, and the payments toward the accrued OP&F liability, have been treated as current expenses and included in the Township's operating expenditures, except to the extent paid from the proceeds of the "Police and Fire Pension" levy referred to under **Tax Rates**.

Federal law requires Township employees hired after March 31, 1986 to participate in the federal Medicare program, which requires matching employer and employee contributions, each being 1.45% of the wage base. Otherwise, Township employees who are covered by a State retirement system are not currently covered under the federal Social Security Act. OPERS and OP&F are not subject to the funding and vesting requirements of the federal Employee Retirement Income Security Act of 1974.

DEBT TABLE A

**Principal Amounts of Outstanding General Obligation (GO) Debt;
Leeway for Additional Debt within Direct Debt Limitations
(as of December 31, 2017)**

A.	Total debt:		\$ 3,890,000
B.	Exempt debt:		
	Category	Outstanding Principal Amount	
	Exempt per R.C. 505.262 and 505.37 (includes the Bonds)	\$ 3,890,000	
	Total exempt debt:		\$ 3,890,000
C.	Total nonexempt debt [A minus B]:		\$ 0
D.	5% of tax (assessed) valuation (unvoted nonexempt debt limitation):		\$ 28,116,086
E.	Total nonexempt limited tax bonds and notes outstanding:		
	Bonds	\$ 0	
	Notes	0	\$ 0
F.	Debt leeway within 5% unvoted debt limitation [D minus E]:		\$ 28,116,086 ^(a)

(a) Debt leeway in this table determined without considering money in the Bond Retirement Fund.

DEBT TABLE B

**Various Township and Overlapping
GO Debt Allocations (Principal Amounts)
(as of December 31, 2017)**

	Amount	Per Capita^(a)	% of Township's Current Assessed Valuation^(b)
Total Township GO Debt (exempt and nonexempt)	\$ 3,890,000	\$ 338.58	0.69%
Highest Total Overlapping GO Debt ^(c)	29,376,589	2,556.93	5.22

(a) Based on 2016 (estimated for Township) population of 11,489.

(b) The Township's assessed valuation as of December 31, 2017, was \$562,321,720.

(c) Includes, in addition to "Total Township GO Debt," allocations of total GO debt of overlapping debt issuing subdivisions (as of December 31, 2017) resulting in the calculation of highest total overlapping debt based on percent of tax (assessed) valuation of territory of the subdivisions located within the Township (% figures are resulting percent of total debt of subdivisions allocated to the Township in this manner), as follows:

- \$ 800,859 County (17.49%);
- \$24,242,868 Kenston Local School District (66.84%); and
- \$ 442,862 Auburn Career Center (11.37%).

Allocation of GO debt of the remaining overlapping debt issuing subdivisions is as follows:

\$1,672,449 of Chagrin Falls Exempted Village School District (3.92%).

Source of tax (assessed) valuation and confirmation of GO debt figures for overlapping subdivisions: OMAC.

DEBT TABLE C
Projected Debt Charges Requirements on Township GO Debt
(as of December 31, 2017)

Year	The Bonds(a)
2018	\$413,600
2019	508,000
2020	500,900
2021	508,800
2022	504,900
2023	505,900
2024	176,350
2025	178,200
2026	174,575
2027	175,950
2028	172,200
2029	173,450
2030	173,800
2031	174,000
2032	139,050

(a) All to be paid from Limited Ad Valorem Taxes.

DEBT TABLE D

**Outstanding GO Bonds
(as of December 31, 2017)**

The following debt is reflected in **Debt Tables A, B and C.**

Bonds				
Issue	Date of Issuance	Final Maturity	Original Principal Amount	Outstanding Principal Amount
Police Station Construction Refunding Bonds, Series 2012	12/27/2012	2023	\$3,165,000	\$1,745,000
Fire Station Improvement Bonds, Series 2012	12/27/2012	2032	2,765,000	2,145,000

APPENDIX A
Comparative Cash-Basis Summary of General Fund Receipts
and Expenditures for Fiscal Years 2013 through 2017(a)

	2013	2014	2015	2016	2017
Fund Balance 1/1	\$3,682,174	\$3,853,627	\$3,931,430	\$2,009,420	\$1,455,978
Fund Balance Adjustments	201,248	145	0	10,087	10,401
Revenues					
Real Estate Tax	\$ 589,580	\$ 615,377	\$ 614,366	\$ 617,266	\$ 633,603
Personal Property Tax	0	0	0	1,307	0
Charges for Services	13,079	13,098	10,746	15,392	17,378
Licenses, Permits and Fees	49,746	56,378	69,767	69,497	65,813
Fines and Forfeitures	0	8,147	8,952	9,406	9,342
Local Government Distribution	81,565	78,553	100,039	91,390	95,309
Estate Tax	988,975	440,634	1,631	12,683	0
Property Tax Allocation	77,255	85,705	87,425	79,676	80,430
Other	212,182	236,188	88,389	132,560	128,288
Earnings on Investments	69,307	141,183	185,383	190,220	108,238
Miscellaneous	84,008	98,113	142,558	77,140	131,639
Total Revenue	\$2,165,697	\$1,773,376	\$1,309,258	\$1,296,538	\$1,270,039
Expenditures					
Administrative - Salaries	\$ 103,085	\$ 119,832	\$ 119,758	\$96,018	\$108,044
Administrative - Other	502,266	434,954	403,441	470,111	337,084
Townhalls, Mem. Bldgs & Grounds - Salaries	334,019	82,000	55,000	38,380	62,000
Townhalls, Mem. Bldgs & Grounds - Other	89,652	78,334	98,019	108,905	109,443
Zoning - Salaries	104,613	103,036	104,666	101,984	109,517
Zoning - Other	102,620	51,977	43,170	71,197	32,369
Police Protection - Other	1,308	0	0	0	0
Lighting- Other	45,049	48,931	4,206	46,496	44,893
Highways - Other	333	0	0	0	0
Cemeteries - Other	13,463	21,631	19,065	15,963	7,168
Parks and Recreation - Salaries	0	151,066	119,931	107,302	131,679
Parks and Recreation - Other	335,966	238,280	402,944	747,555	291,608
Capital Outlay - Other	333,442	69,005	142,038	25,518	50,276
Total Expenditures	\$1,965,816	\$1,399,044	\$1,512,238	\$1,829,429	\$1,284,081
Other Financing Sources & Uses					
Sale of Fixed Assets	\$ 0	\$ 0	\$ 0	\$ 0	0
Other - Other Financing Sources	11,120	3,327	116	0	0
Transfers - Out	(240,797)	(300,000)	(1,719,147)	(30,637)	(35,759)
Total Other Financing Sources & Uses	\$ (229,677)	\$ (296,673)	\$(1,719,031)	\$ (30,637)	(35,759)
Fund Balance 12/31	\$3,853,627	\$3,931,430	\$2,009,420	\$1,455,978	\$1,416,578
Less: Encumbrances 12/31	302,131	270,111	246,031	86,918	73,749
Less: Reserve Balance 12/31	0	0	0	0	0
Unencumbered Undesignated 12/31	\$3,551,496	\$3,661,319	\$1,763,385	\$1,369,061	\$1,342,829

(a) Each Fund Balance 1/1 reflects the prior year's Fund Balance 12/31, not its Unencumbered Undesignated 12/31. Encumbrances 12/31 and Reserve Balance 12/31 should become expenditures in subsequent years.

APPENDIX B

All-Funds Summary 2017 (Cash Basis)

DESCRIPTION	BEGINNING BALANCE	RECEIPTS(a)	EXPENDITURES	ENDING BALANCE
General Fund	\$ 1,455,978	\$ 1,280,440	\$ 1,319,841	\$ 1,416,578
Special Revenue:				
Motor Vehicle License Tax	\$ 41,295	\$ 35,872	\$ 30,000	\$ 47,166
Gasoline Tax	158,128	145,643	129,216	174,555
Road and Bridge	3,373,942	3,382,866	3,404,102	3,352,706
Cemetery	13,385	19,150	7,010	25,525
Police District	1,690,140	3,973,562	3,332,826	2,330,876
Fire	4,088,185	2,461,216	2,181,427	4,367,974
Law Enforcement Trust	616	0	0	616
Ambulance & Emergency	945,693	404,231	279,717	1,070,208
Lighting Assessment	0	8,459	8,459	0
DARE Program	34,462	0	2,268	32,194
Moving Ohio Forward	0	0	0	0
CVM Permeable Paver Project	1,763	38,718	40,481	0
Total Special Revenue	\$10,347,608	\$10,469,717	\$ 9,415,505	\$11,401,820
Debt Service Fund:				
Public Works Commission Project	\$ 0	\$ 100,000	\$ 100,000	\$ 0
Police Debt Service	2,633,443	0	326,700	2,306,743
Fire Debt Service	2,794,675	0	180,200	2,614,475
Total Debt Service	\$ 5,428,118	\$ 100,000	\$ 606,900	\$ 4,921,218
Capital Improvements:				
Police Station Construction	\$ 183,496	0	0	\$ 183,496
Fire Station Expansion	89,305	0	0	89,305
Total Capital Improvements	\$ 272,800	0	0	\$ 272,800
Nonexpendable Trusts:				
Cemetery Bequest	\$ 621	\$ 1	0	\$ 621
Cemetery Bequest	1,161	2	0	1,162
Cemetery Bequest	152	0	0	152
Cemetery Bequest	326	0	0	326
Total Nonexpendable Trusts	\$ 2,260	\$ 3	0	\$ 2,263
Expendable Trust	\$ 20,905	\$ (9,475)	\$ 11,430	\$ 0
TOTAL	\$17,527,669	\$11,840,685	\$11,353,676	\$18,014,678

- (a) Includes a fund balance adjustment of \$10,400.82 in the General Fund and a fund balance adjustment of \$9,474.53 in Security Deposits (Expendable Trust). The receipts also include transfers from the General Fund into the Road and Bridge Fund in the amount of \$35,759.12. The expenditures include the same transfer from the General Fund to Road and Bridge in the amount of \$35,759.12.