



SPECIAL COUNCIL MEETING
TUESDAY, MARCH 6, 2018
5:30 P.M.
AGENDA

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE
2. ROLL CALL
3. APPROVAL OF AGENDA, CHANGES OR ADDITIONS
4. PUBLIC COMMENTS
 - A.
5. NEW BUSINESS
 - A. Rural Development Bond Resolution 2018-03
 - B. Water Project Bond Resolution 2018-04
 - C. 2018-2019 Budget Discussion
 - D.
 - E.
6. PUBLIC COMMENTS
7. ANNOUNCEMENTS/INFORMATION
8. ADJOURNMENT

47 Cole St
Quincy
Michigan
49082

517.639.9065

www.Quincy-MI.org

ORDINANCE NO. 232

AN ORDINANCE TO PROVIDE FOR THE ACQUISITION, CONSTRUCTION AND EQUIPPING OF IMPROVEMENTS TO THE WATER SUPPLY SYSTEM OF THE VILLAGE OF QUINCY; TO PROVIDE FOR THE ISSUANCE AND SALE OF JUNIOR LIEN REVENUE BONDS TO PAY THE COSTS THEREOF; TO PRESCRIBE THE FORM OF THE JUNIOR LIEN REVENUE BONDS; TO PROVIDE FOR THE COLLECTION OF REVENUES FROM THE SYSTEM SUFFICIENT FOR THE PURPOSE OF PAYING THE COSTS OF OPERATION AND MAINTENANCE OF THE SYSTEM AND TO PAY THE PRINCIPAL OF AND INTEREST ON THE JUNIOR LIEN REVENUE BONDS; TO PROVIDE AN ADEQUATE RESERVE ACCOUNT FOR THE JUNIOR LIEN REVENUE BONDS; TO PROVIDE FOR THE SEGREGATION AND DISTRIBUTION OF THE REVENUES; TO PROVIDE FOR THE RIGHTS OF THE HOLDERS OF THE JUNIOR LIEN REVENUE BONDS IN ENFORCEMENT THEREOF; AND TO PROVIDE FOR OTHER MATTERS RELATING TO THE JUNIOR LIEN REVENUE BONDS AND THE SYSTEM.

THE VILLAGE OF QUINCY ORDAINS:

Section 1. Definitions. The following words and terms used in this Ordinance shall have the meanings assigned in this Section, unless the context clearly indicates otherwise.

The word "acquired," as used in this Ordinance, shall be construed to include acquisition by purchase, construction or by any other method.

"Act 94" shall mean Act 94, Public Acts of Michigan, 1933, as amended.

"Additional Bonds" shall mean the bonds issued pursuant to Section 18 and subject to the terms of this Ordinance.

"Bond" or "Bonds" shall mean the WATER SUPPLY SYSTEM JUNIOR LIEN REVENUE BOND, SERIES 2018, in the principal amount of not to exceed \$3,266,000 authorized to be issued by this Ordinance.

"Depository Bank" shall mean Century Bank and Trust, Coldwater, Michigan, a member of the Federal Deposit Insurance Corporation, or other financial institution qualified to serve as depository bank and designated by resolution of the Issuer.

"Engineer" shall mean C2AE, Lansing, Michigan.

"Fiscal Year" shall mean the fiscal year of the Issuer and the operating year of the System, commencing April 1 and ending on March 31 of the subsequent year, as such year may be changed from time to time.

"Government" shall mean the government of the United States of America or any agency thereof.

"Issuer" shall mean the Village of Quincy, County of Branch, State of Michigan.

"Junior Lien Bonds" shall mean the Series 2018 Junior Lien Bond and any additional bonds of equal standing with the Series 2018 Junior Lien Bond, which are secured by a statutory second lien on the Net Revenues and are junior in standing to the Senior Lien Bonds.

"Ordinance" shall mean this ordinance and any ordinance or resolution of the Issuer amendatory or supplemental to this ordinance, including ordinances or resolutions authorizing issuance of Additional Bonds.

"Outstanding Senior Lien Bonds" shall mean the Issuer's Series 2014 Bonds, Series 2017 Bonds, and Series 2018 Bonds.

"Outstanding Ordinances" shall mean the Issuer's Series 2014 Ordinance, Series 2017 Ordinance, and Series 2018 Ordinance.

"Project" shall mean the acquisition, construction, furnishing and equipping of improvements to the Issuer's Water Supply System, including installing a new well, together with any related sites, structures, equipment, appurtenances and attachments.

"Reserve Amount" shall mean with respect to the Bonds the lesser of (1) the maximum annual debt service due on the Bonds in the current or any future year, (2) 125% of the average annual debt service on the Bonds, or (3) 10% of the outstanding principal amount of the Bonds on the date of issuance of the Bonds.

"Revenues" and "Net Revenues" shall mean the revenues and net revenues of the Issuer derived from the operation of the System and shall be construed as defined in Section 3 of Act 94, including with respect to "Revenues," the earnings derived from the investment of moneys in the various funds and accounts established by this Ordinance.

"Senior Lien Bonds" shall mean the Issuer's Outstanding Senior Lien Bonds and any other bonds of the Issuer secured by a statutory first lien on the Net Revenues of the System said lien being superior in standing and priority as to the Junior Lien Bonds.

"Series 2014 Bonds" means the outstanding Water Supply System Revenue Refunding Bonds, dated July 31, 2014, issued pursuant to the Series 2014 Ordinance.

"Series 2014 Ordinance" means Ordinance No. 223 adopted by the Village Council of the Issuer on July 15, 2014, authorizing the issuance of the Series 2014 Bonds.

"Series 2017 Bonds" means the outstanding Water Supply System Revenue Bonds, Series 2017, dated August 31, 2017, issued pursuant to the Series 2017 Ordinance.

"Series 2017 Ordinance" means Ordinance No. 226 adopted by the Village Council of the Issuer on August 15, 2017, authorizing the issuance of the Series 2017 Bonds.

“Series 2018 Bonds” means the Water Supply System Revenue Bonds, Series 2018, dated January 30, 2018, issued pursuant to the Series 2018 Ordinance.

“Series 2018 Ordinance” means Ordinance No. 231 adopted by the Village Council of the Issuer on January 16, 2018, authorizing the issuance of the Series 2018 Bonds.

"Series 2018 Junior Lien Bond" shall mean the WATER SUPPLY SYSTEM JUNIOR LIEN REVENUE BOND, SERIES 2018, in the principal amount of not to exceed \$3,266,000 authorized to be issued pursuant to this Ordinance.

"System" shall mean the Issuer's water supply system including such facilities thereof as are now existing, are acquired and constructed as the Project, and all enlargements, extensions, repairs and improvements thereto hereafter made.

"Transfer Agent" shall mean the transfer agent and bond registrar for the Series 2018 Junior Lien Bond as appointed from time to time by the Issuer as provided in Section 6 of this Ordinance and who or which shall carry out the duties and responsibilities as set forth in Sections 6 and 7 of this Ordinance.

Section 2. Necessity; Approval of Plans and Specifications; Conditions of Outstanding Bonds Met. It is hereby determined to be a necessary public purpose of the Issuer to acquire and construct the Project in accordance with the plans and specifications prepared by the Issuer's Engineer and on file with the Issuer, which plans and specifications are hereby approved.

Except as changed by this Ordinance, all the provisions of the Outstanding Ordinances shall apply to the Bonds issued pursuant to this Ordinance, the same as though each of said provisions were repeated in this Ordinance in detail; the purpose of this Ordinance being to authorize the issuance of Junior Lien Bonds to finance the cost of acquiring, constructing and equipping improvements to the System; additional bonds that are junior in standing to the Senior Lien Bonds for such purpose being authorized by the provisions of the Outstanding Ordinances (as amended by this Ordinance), upon the conditions therein stated, which conditions have been fully met.

Section 3. Costs; Useful Life. The total cost of the Project is estimated to be Three Million Two Hundred Sixty-Six Thousand Dollars (\$3,266,000) including the payment of incidental expenses as specified in Section 4 of this Ordinance, which estimate of cost is hereby approved and confirmed, and the period of usefulness of the Project is estimated to be not less than forty (40) years.

Section 4. Payment of Cost; Bonds Authorized. To pay part of the cost of acquiring, constructing and equipping the Project and legal, engineering, financial and other expenses incident to said acquisition and construction, and incident to the issuance and sale of the Series 2018 Junior Lien Bond, it is hereby determined that the Issuer borrow the sum of not to exceed Three Million Two Hundred Sixty-Six Thousand Dollars (\$3,266,000) and that junior lien revenue bonds be issued therefor pursuant to the provisions of Act 94. Any remaining costs of the Project shall be paid from Issuer funds on hand and legally available for such use.

Section 5. Series 2018 Junior Lien Bond Details. The Series 2018 Junior Lien Bond shall

be designated WATER SUPPLY SYSTEM JUNIOR LIEN REVENUE BOND, SERIES 2018, shall be dated as of the date of delivery of the first installment, shall consist of one fully-registered nonconvertible bond of the denomination of not to exceed \$3,266,000 and shall be payable in principal installments on March 1 of each year, as follows:

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
2019	\$47,000	2039	\$79,000
2020	48,000	2040	81,000
2021	50,000	2041	83,000
2022	51,000	2042	85,000
2023	52,000	2043	88,000
2024	54,000	2044	90,000
2025	55,000	2045	92,000
2026	56,000	2046	95,000
2027	58,000	2047	97,000
2028	59,000	2048	100,000
2029	61,000	2049	102,000
2030	63,000	2050	105,000
2031	64,000	2051	108,000
2032	66,000	2052	111,000
2033	68,000	2053	114,000
2034	69,000	2054	117,000
2035	71,000	2055	120,000
2036	73,000	2056	123,000
2037	75,000	2057	126,000
2038	77,000	2058	133,000

The Village Manager, President and Village Clerk of the Issuer are each hereby authorized to decrease the aggregate principal amount of the Bonds and/or change the payment dates and the amounts of any of the foregoing installments, including interest payment dates, if it is in the best interest of the Issuer, provided that the final principal payment of the Bond shall be due and payable within forty (40) years of the date of issuance of the Bonds.

The Series 2018 Junior Lien Bond is expected to be delivered to the Government as initial purchaser thereof in installments (the "delivery installments") and each delivery installment shall be noted on the registration grid set forth on the Series 2018 Junior Lien Bond. The delivery installments shall be deemed to correspond to the serial principal installments of the respective Series 2018 Junior Lien Bond in direct chronological order of said principal installments.

The principal installments of the Series 2018 Junior Lien Bond will each bear interest from the date of delivery of the corresponding delivery installment to the registered holder thereof as shown on the registration grid set forth on the respective Series 2018 Junior Lien Bond at the rate of not to exceed two and five-eighths percent (2.625%) per annum, payable on September 1, 2018, and semiannually thereafter on March 1 and September 1 of each year until maturity or earlier prepayment of said installment. Acceptance of the interest rate on the Series 2018 Junior Lien

Bond shall be made by execution of the Series 2018 Junior Lien Bond which so designates the rate specified by the Government and accepted in writing by the Issuer. The Series 2018 Junior Lien Bond shall be issued in fully-registered form and shall not be convertible or exchangeable into more than one fully-registered bond.

The Series 2018 Junior Lien Bond or installments thereof will be subject to prepayment prior to maturity in the manner and at the times as provided in the form of the Series 2018 Junior Lien Bond set forth in Section 9 of this Ordinance.

Section 6. Series 2018 Junior Lien Bond Registration and Transfer. The Transfer Agent shall keep or cause to be kept at its principal office sufficient books for the registration and transfer of the Series 2018 Junior Lien Bond, which shall at all times be open to inspection by the Issuer. The Transfer Agent shall transfer or cause to be transferred on said books the Series 2018 Junior Lien Bond presented for transfer, as hereinafter provided and subject to such reasonable regulations as it may prescribe.

Any Series 2018 Junior Lien Bond may be transferred upon the books required to be kept by the Transfer Agent pursuant to this Section by the person in whose name it is registered, in person or by his duly authorized attorney, upon surrender of such Series 2018 Junior Lien Bond for transfer, accompanied by delivery of a duly executed written instrument of transfer in a form approved by the Transfer Agent. Whenever any Series 2018 Junior Lien Bond shall be surrendered for transfer, the Transfer Agent shall record such transfer on the registration books and shall register such transfer on the registration grid attached to the Series 2018 Junior Lien Bond. At the time of such transfer the Transfer Agent shall note on the Series 2018 Junior Lien Bond the outstanding principal amount thereof at the time of such transfer. The Transfer Agent shall require the payment by the bondholder requesting the transfer of any tax or other governmental charge required to be paid with respect to the transfer. The Issuer shall not be required (i) to issue, register the transfer of, or exchange any Series 2018 Junior Lien Bond during a period beginning at the opening of business fifteen days before the day of the mailing of a notice of prepayment of Series 2018 Junior Lien Bonds or installments thereof selected for redemption and ending at the close of business on the day of that mailing, or (ii) to register the transfer of or exchange any Series 2018 Junior Lien Bond or portion thereof so selected for prepayment. In the event any Series 2018 Junior Lien Bond are called for prepayment in part, the Transfer Agent, upon surrender of the Series 2018 Junior Lien Bond, shall note on the Series 2018 Junior Lien Bond the principal amount prepaid and shall return the Series 2018 Junior Lien Bond to the registered owner thereof together with the prepayment amount on the prepayment date.

The Issuer's Treasurer is hereby appointed to act as Transfer Agent with respect to the Series 2018 Junior Lien Bond. If and at such time as the Series 2018 Junior Lien Bond is transferred to or held by any registered owner other than the Government, the Issuer by resolution may appoint a bank or trust company qualified under Michigan law to act as transfer agent and bond registrar with respect to Series 2018 Junior Lien Bond, and the Issuer may thereafter appoint a successor Transfer Agent upon sixty (60) days notice to the registered owner of the Series 2018 Junior Lien Bond.

Section 7. Payment of the Series 2018 Junior Lien Bond. Principal of and interest on the Series 2018 Junior Lien Bond shall be payable in lawful money of the United States of America

by check or draft mailed by the Transfer Agent to the registered owner at the address of the registered owner as shown on the registration books of the Issuer kept by the Transfer Agent. If the Government shall no longer be the registered owner of the Series 2018 Junior Lien Bond, then the principal of and interest on the Series 2018 Junior Lien Bond shall be payable to the registered owner of record as of the fifteenth day of the month preceding the payment date by check or draft mailed to the registered owner at the registered address. Such date of determination of the registered owner for purposes of payment of principal or interest may be changed by the Issuer to conform to future market practice. The Issuer's Treasurer is hereby authorized to execute an agreement with any successor Transfer Agent.

The Transfer Agent shall record on the registration books the payment by the Issuer of each installment of principal or interest or both on the Series 2018 Junior Lien Bond when made and the canceled checks or drafts representing such payments shall be returned to and retained by the Issuer's Treasurer, which canceled checks or drafts shall be conclusive evidence of such payments and the obligation of the Issuer with respect to such payments shall be discharged to the extent of such payments.

Upon payment by the Issuer of all outstanding principal of and interest on the Series 2018 Junior Lien Bond, the registered owners thereof shall deliver the Series 2018 Junior Lien Bond to the Issuer for cancellation.

Section 8. Execution and Delivery of the Series 2018 Junior Lien Bond. The Series 2018 Junior Lien Bond shall be manually signed by the President and countersigned by the Village Clerk and shall have the corporate seal of the Issuer impressed thereon. After execution, the Series 2018 Junior Lien Bond shall be held by the Issuer's Treasurer for delivery to the Government. No Series 2018 Junior Lien Bond or any installment thereof shall be valid until registered by the Issuer's Treasurer or by another person designated in writing by the Issuer's Treasurer to act as Bond Registrar, or upon transfer by the Government and thereafter, by an authorized representative of the Transfer Agent.

The Village Manager, President and Village Clerk are each hereby authorized and directed to negotiate privately the sale of the Series 2018 Junior Lien Bond to the Government at an interest rate not to exceed two and five-eighths percent (2.625%) per annum.

The Issuer determines to the sell the Bonds to the Government pursuant to a negotiated sale in order to obtain terms not generally available from conventional municipal bond market sources and for the opportunities provided by a negotiated sale to the Government to select and adjust the terms of the Bond, including the prepayment of the principal of the Bonds at any time without premium.

The sale of the Series 2018 Junior Lien Bond to the Government at an interest rate of not to exceed two and five-eighths percent (2.625%) per annum and at the par value thereof is hereby approved. The Issuer's Treasurer is hereby authorized to deliver the Series 2018 Junior Lien Bond in accordance with the delivery instructions of the Government.

Section 9. Series 2018 Junior Lien Bond Form. The form and tenor of the Series 2018 Junior Lien Bond shall be substantially as follows:

REGISTERED

UNITED STATES OF AMERICA
STATE OF MICHIGAN
COUNTY OF BRANCH

VILLAGE OF QUINCY

WATER SUPPLY SYSTEM
JUNIOR LIEN REVENUE BOND, SERIES 2018

No. R-1

\$3,266,000

The Village of Quincy, County of Branch, State of Michigan (the "Issuer"), for value received, hereby promises to pay to the registered owner hereof, but only out of the hereinafter described Net Revenues of the Issuer's Water Supply System including all appurtenances, additions, extensions and improvements thereto (the "System"), the sum of

Three Million Two Hundred Sixty-Six Thousand Dollars

on the dates and in the principal installment amounts set forth in Exhibit A attached hereto and made a part hereof with interest on said installments from the date each installment is delivered to the Issuer and as set forth on the registration grid hereon until paid at the rate of two and five-eighths percent (2.625%) per annum, first payable on September 1, 2018, and semiannually thereafter; provided that the principal repayments required herein to the registered owner shall not exceed the total of the principal installments set forth on the registration grid attached hereto from time to time hereafter to acknowledge receipt of payment of the purchase price of this bond up to a total of \$3,266,000. Both principal of and interest on this bond are payable in lawful money of the United States of America to the registered owner at the address shown on the Issuer's registration books by check or draft mailed to the registered holder at the address shown on the registration books of the Issuer, and for the prompt payment thereof, the revenues of the System, after provision has been made for reasonable and necessary expenses of operation, administration and maintenance thereof (the "Net Revenues"), are hereby irrevocably pledged and a statutory lien thereon is hereby recognized and created which is junior in standing to the statutory lien created by Ordinance No. 223 adopted by the Issuer on July 15, 2014, authorizing the issuance of the Issuer's Water Supply System Revenue Refunding Bonds, dated July 31, 2014; Ordinance No. 226 adopted by the Issuer on August 15, 2017, authorizing the issuance of the Issuer's Water Supply System Revenue Bonds, Series 2017, dated August 31, 2017; and Ordinance No. 231 adopted by the Issuer on January 16, 2018, authorizing the issuance of the Issuer's Water Supply System Revenue Bonds, Series 2018, dated January 30, 2018 (the "Outstanding Bonds").

This bond is a single, fully-registered, non-convertible bond constituting an issue in the total aggregate principal sum of principal sum of \$3,266,000, issued pursuant to Ordinance No. ____ of the Issuer (the "Ordinance"), and under and in full compliance with the Constitution and statutes of the State of Michigan, including specifically Act 94, Public Acts of Michigan, 1933, as amended, for the purpose of acquiring, constructing and equipping improvements and extensions

to the Issuer's water supply system, together with related sites, structures, equipment and appurtenances to serve the Issuer. For a complete statement of the revenues from which, and the conditions under which, this bond is payable, a statement of the conditions under which additional bonds of equal or prior standing with this bond and of equal or prior standing with the Outstanding Bonds may hereafter be issued, and the general covenants and provisions pursuant to which this bond is issued, reference is made to the Ordinance.

This bond is a self-liquidating bond and is not a general obligation of the Issuer and does not constitute an indebtedness of the Issuer within any constitutional or statutory debt limitation, but is payable, both as to principal and interest, from the Net Revenues of the System. The principal of and interest on the bond is secured by the statutory lien hereinbefore mentioned.

Principal installments of this bond are subject to prepayment prior to maturity, in inverse chronological order, at the Issuer's option, on any date on or after March 1, 2019, at par and accrued interest to the date fixed for prepayment.

Thirty days notice of the call of any principal installments for prepayment shall be given by mail to the registered owner at the registered address. The principal installments so called for prepayment shall not bear interest after the date fixed for prepayment, provided funds are on hand to prepay said installments.

This bond shall be registered as to principal and interest on the books of the Issuer kept by the Issuer's Treasurer or successor or written designee as bond registrar and transfer agent (the "Transfer Agent") and noted hereon, after which it shall be transferable only upon presentation to the Transfer Agent with a written transfer by the registered owner or his attorney in fact. Such transfer shall be noted hereon and upon the books of the Issuer kept for that purpose by the Transfer Agent.

The Issuer has covenanted and agreed and does hereby covenant and agree to fix and maintain at all times while any bonds including any installments of this bond payable from the Net Revenues of the System shall be outstanding, such rates for service furnished by the System as shall be sufficient to provide for payment of the interest upon and the principal of this bond, the Outstanding Bonds and any additional bonds of equal standing with this bond or the Outstanding Bonds payable from the Net Revenues of the System as and when the same become due and payable, and to create a Junior Lien Redemption Account (including a Junior Lien Bond Reserve Account) therefor, to provide for the payment of expenses of administration and operation and such expenses for maintenance of the System as are necessary to preserve the same in good repair and working order, and to provide for such other expenditures and funds for the System as are required by the Ordinance.

It is hereby certified and recited that all acts, conditions and things required by law to be done precedent to and in the issuance of this bond have been done and performed in regular and due time and form as required by law.

IN WITNESS WHEREOF, the Village of Quincy, County of Branch, State of Michigan, by its Village Council, has caused this bond to be signed in its name by its President and to be countersigned by its Village Clerk, and its corporate seal to be hereunto affixed, all as of _____, 2018.

VILLAGE OF QUINCY
COUNTY OF BRANCH
STATE OF MICHIGAN

By _____
Its President

(Seal)

Countersigned:

By _____
Its Village Clerk

EXHIBIT A

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
2019	\$47,000	2039	\$79,000
2020	48,000	2040	81,000
2021	50,000	2041	83,000
2022	51,000	2042	85,000
2023	52,000	2043	88,000
2024	54,000	2044	90,000
2025	55,000	2045	92,000
2026	56,000	2046	95,000
2027	58,000	2047	97,000
2028	59,000	2048	100,000
2029	61,000	2049	102,000
2030	63,000	2050	105,000
2031	64,000	2051	108,000
2032	66,000	2052	111,000
2033	68,000	2053	114,000
2034	69,000	2054	117,000
2035	71,000	2055	120,000
2036	73,000	2056	123,000
2037	75,000	2057	126,000
2038	77,000	2058	133,000

Section 10. Security for Bonds. Neither the Bonds nor the interest thereon shall be a general obligation of the Issuer, but each shall be payable solely from the Net Revenues after provision has been made for the Outstanding Senior Lien Bonds and any additional bonds of equal standing with the Outstanding Senior Lien Bonds. To pay the principal of and interest on the Junior Lien Bonds as and when the same shall become due, there is hereby recognized the statutory lien upon the whole of the Net Revenues of the System after provision has been made for the Senior Lien Bonds, subject only to the prior lien in favor of the Outstanding Senior Lien Bonds and any additional bonds of equal standing with the Outstanding Senior Lien Bonds, which lien shall continue until the payment in full of the principal of and interest on all Junior Lien Bonds. Net Revenues shall be set aside for the purpose and identified as the Junior Lien Redemption Account, as hereinafter specified.

Section 11. Budget. Immediately upon the effective date of this Ordinance for the remainder of the current Fiscal Year, and thereafter prior to the beginning of each Fiscal Year, the Issuer shall prepare an annual budget for the System for the ensuing Fiscal Year itemized on the basis of monthly requirements. A copy of such budget shall be mailed to the Government without request from the Government for review prior to adoption (as long as the Government is the registered owner of any of the Bonds), and upon written request to any other registered owners of the Bonds.

Section 12. Custodian of Funds; Funds. The Issuer's Treasurer shall be custodian of all funds belonging to or associated with the System and such funds shall be deposited in the Depository Bank. The Issuer's Treasurer shall execute a fidelity bond with a surety company in an amount at least equal to the maximum annual debt service for the Bonds.

The Issuer's Treasurer is hereby directed to maintain the funds and accounts established by the Outstanding Ordinances and to create the following funds and accounts into which the proceeds of the Bond and the Revenues from the System shall be deposited in the manner and at the times provided in this Ordinance, which funds and accounts shall be established and maintained, except as otherwise provided, so long the Bond hereby authorized remains unpaid.

(A) CONSTRUCTION ACCOUNT. The proceeds of the Bond hereby authorized, and no other funds, shall be deposited in the 2018 WATER SUPPLY SYSTEM JUNIOR LIEN CONSTRUCTION FUND ACCOUNT (the "Construction Account"), in the Depository Bank. Moneys in the Construction Account shall be used solely for the purposes for which the Bonds are issued.

Any unexpended balance of the proceeds of sale of the Bond remaining after completion of the Project herein authorized may, in the discretion of the Issuer, be used for further improvements, enlargements and extensions to the System, provided that at the time of such expenditure such use be approved by the Department of Treasury (if such approval is then required by law). Any remaining balance after such expenditure shall be paid into the Junior Lien Redemption Account and used as soon as is practical for the prepayment of installments of the Bond or for the purchase of installments to the Bond at not more than the fair market value thereof. Following completion of the Project, any unexpended balance of the Bond shall be invested at a yield not to exceed the yield on the Bond.

After completion of the Project and disposition of remaining proceeds, if any, of the Bond pursuant to the provisions of this Section, the Construction Account shall be closed.

(B) JUNIOR LIEN REDEMPTION ACCOUNT: There is hereby established and there shall be maintained a separate depository account designated JUNIOR LIEN REDEMPTION ACCOUNT (the "Junior Lien Redemption Account"). Except as otherwise provided herein, the moneys on deposit therein from time to time shall be used for the purpose of paying the principal of, redemption premiums (if any) and interest on any Junior Lien Bonds.

Out of the Revenues remaining in the Receiving Fund, as established by the Outstanding Ordinances, after transfer, if required, for deposit into the Operation and Maintenance Account, as established by the Outstanding Ordinances, and the Outstanding Bonds Redemption Account, as established by the Outstanding Ordinances, there shall be transferred each quarter of the Fiscal Year, commencing July 1, 2018 from the Receiving Fund, before any other expenditures or transfer therefrom, and deposited in the Junior Lien Redemption Account for payment of principal of and interest on the Outstanding Bonds and the Series 2018 Junior Lien Bond and to fund the Junior Lien Bond Reserve Account as required by this Ordinance.

Upon any delivery of an installment of the Bond there shall be set aside at the time of delivery and on the first day of each quarter of the Fiscal Year thereafter to the next interest payment date an amount equal to that fraction of the amount of interest due on the next interest payment date on said installment so delivered, the numerator of which is 1 and the denominator of which is the number of full and partial Fiscal Year quarters from the date of said delivery to the next interest payment date. There shall be set aside each Fiscal Year quarter on or after December 1, 2018, an amount not less than 1/2 of the amount of interest due on the next interest payment date on all outstanding installments of the Bonds not delivered during the then current interest payment period.

Upon any delivery of an installment of the Bonds there shall be set aside at the time of such delivery and on the first day of each quarter of the Fiscal Year thereafter to the next principal payment date an amount equal to that fraction of the amount of principal due on the next principal payment date on said installment so delivered, the numerator of which is 1 and the denominator of which is the number of full and partial Fiscal Year quarters from the date of said delivery to the next principal payment date. There shall also be set aside each Fiscal Year quarter on or after July 1, 2019, an amount not less than 1/4 of the amount of principal due on the next principal payment date. Except as hereinafter provided, no further deposits shall be made into the Junior Lien Redemption Account (excluding the Junior Lien Bond Reserve Account) once the aforesaid sums have been deposited therein. Any amount on deposit in the Junior Lien Redemption Account (excluding the Junior Lien Bond Reserve Account) in excess of (a) the amount needed for payment of principal installments of the Bonds for the then current principal payment period, plus (b) interest on the Bonds for the then current interest payment period, shall be used by the Issuer for redemption of principal installments of the Bonds in the manner set forth in Section 10 hereof, if such use is impracticable, shall be deposited in or credited to the Receiving Fund.

If for any reason there is a failure to make such quarterly deposit in the amounts required, then the entire amount of the deficiency shall be set aside and deposited in the Junior Lien Redemption Account out of the Revenues first received thereafter which are not required by the

Outstanding Ordinances and this Ordinance to be deposited in the Operation and Maintenance Account or in the Outstanding Bonds Redemption Account or in the Junior Lien Redemption Account, which amount shall be in addition to the regular quarterly deposit required during such succeeding quarter or quarters.

There is hereby established and there shall be maintained in the Junior Lien Redemption Account a separate account to be known as the JUNIOR LIEN BOND RESERVE ACCOUNT (the "Junior Lien Bond Reserve Account"). In addition to the amounts required to be deposited into the Bond Reserve Account created under the Outstanding Ordinances, the Junior Lien Bond Reserve Account shall be established as follows: Commencing July 1, 2018, there shall be withdrawn from the Receiving Fund at the beginning of each Fiscal Year quarter and set aside in and transferred to the Junior Lien Bond Reserve Account, after provision has been made for the Operation and Maintenance Fund and the current requirements of the Junior Lien Redemption Account, the sum of \$3,321.25 per quarter (\$13,285.00 annually) until there is accumulated in the Junior Lien Bond Reserve Account the lesser of the sum of \$132,850 or the Reserve Amount. Except as hereinafter provided, no further deposits shall be made into the Junior Lien Bond Reserve Account for the purpose of providing additional reserve funds for the Bonds once the lesser of the sum of \$132,850 or the Reserve Amount has been deposited therein as herein provided. The moneys in the Junior Lien Bond Reserve Account shall be used solely for the payment of the principal installments of and interest on the Outstanding Bonds or the Bonds as to which there would otherwise be default; provided however, that in the event the amount on deposit in the Junior Lien Bond Reserve Account exceeds the Reserve Amount, the moneys in excess of the Reserve Amount shall be used to pay principal installment of and interest on the Bonds on the next payment date.

If at any time it shall be necessary to use moneys in the Junior Lien Bond Reserve Account for such payment, then the moneys so used shall be replaced from the Net Revenues first received thereafter which are not required by this Ordinance and the Outstanding Ordinances to be used for operation and maintenance or for current principal and interest requirements for the Bonds and the Outstanding Bonds.

No further payments need be made into the Junior Lien Redemption Account after enough of the principal installments of the Bonds have been retired so that the amount then held in the Junior Lien Redemption Account (including the Junior Lien Bond Reserve Account), is equal to the entire amount of principal and interest which will be payable at the time of maturity of all the principal installments of the Bonds then remaining outstanding.

The moneys in the Junior Lien Redemption Account and the Junior Lien Bond Reserve Account shall be invested in accordance with the Outstanding Ordinances and Section 14 of this Ordinance, and profit realized or income earned on such investment shall be used or transferred as provided in the Outstanding Ordinances and Section 14 of this Ordinance.

Section 13. Replacement and Improvements Account. The REPLACEMENT AND IMPROVEMENTS ACCOUNT (the "Replacement Account"), as established by the Outstanding Ordinances, shall be increased, commencing July 1, 2018, by withdrawing from the Receiving Fund at the beginning of each Fiscal Year quarter and set aside in and transferred to the Replacement Account, after provision has been made for the Operation and Maintenance Account,

the current requirements of the Outstanding Bonds Redemption Account, the current requirements of the Junior Lien Redemption Account, and the deposits to the Junior Lien Bond Reserve Account, the sum of \$8,188.00 per quarter (\$32,752 annually), less the amount, if any, deposited to the Junior Lien Bond Reserve Account as described in Section 12 at the beginning of the same Fiscal year quarter.

Section 14. Investments. Moneys in the funds and accounts established herein and moneys derived from the proceeds of the sale of the Bonds may be invested by the legislative body of the Issuer on behalf of the Issuer in the obligations and instruments permitted for investment by Section 24 of Act 94, as the same may be amended from time to time; provided, however, that as long as the Bonds are held by the Government, then the investment may be limited to the obligations and instruments authorized by the Government. Investment of moneys in the Junior Lien Redemption Account being accumulated for payment on the next maturing principal or interest payment on the Bonds shall be limited to obligations and instruments bearing maturity dates prior to the date of the next maturing principal or interest payment on the Bonds. Investment of moneys in the Junior Lien Bond Reserve Account shall be limited to Government obligations and instruments bearing maturity dates or subject to redemption, at the option of the holder thereof, not later than five (5) years from the date of the investment. In the event investments are made, any securities representing the same shall be kept on deposit with the Depository Bank. Interest income earned on investment of funds in the Receiving Account, the Operation and Maintenance Account and the Junior Lien Redemption Account (except the Junior Lien Bond Reserve Account), shall be deposited in or credited to the Receiving Account. Interest income earned on the investment of funds in the Junior Lien Bond Reserve Account shall be deposited in the Junior Lien Redemption Account.

Section 15. Rates and Charges. Rates and charges for the services of the System have been fixed by ordinance in an amount sufficient to pay the costs of operating, maintaining and administering the System, to pay the principal of and interest on the Bonds and the Outstanding Bonds and to meet the requirements for repair, replacement, reconstruction and improvement and all other requirements provided herein, and otherwise comply with the covenants herein provided. The Issuer hereby covenants and agrees to fix and maintain at all times while any of the Bonds shall be outstanding such rates for service furnished by the System as shall be sufficient to provide for the foregoing expenses, requirements and covenants, and to create a Junior Lien Redemption Account (including a bond reserve account) for all such Bonds. The rates and charges for all services and facilities rendered by the System shall be reasonable and just, taking into consideration the cost and value of the System and the cost of maintaining, repairing, and operating the same and the amounts necessary for the retirement of all of the Bonds and the Outstanding Bonds, and accruing interest on all of the Bonds and the Outstanding Bonds, and there shall be charged such rates and charges as shall be adequate to meet the requirements of this Section and Sections 12 and 13 of this Ordinance.

Section 16. No Free Service. No free service shall be furnished by the System to any individual, firm or corporation, public or private or to any public agency or instrumentality.

Section 17. Covenants. The Issuer covenants and agrees, so long as any of the Bonds hereby authorized remain unpaid, as follows:

(a) It will comply with applicable State laws and regulations and continually operate and maintain the System in good condition.

(b)(i) It will maintain complete books and records relating to the operation and financial affairs of the System. If the Government is the holder of the Bond, the Government shall have the right to inspect the System and the records, accounts, and data relating thereto at all reasonable times.

(ii) It will cause an annual audit of such books of record and account for the preceding Fiscal Year to be made each year by a recognized independent certified public accountant, and will cause such accountant to mail a copy of such audit to the Government, without request of the Government, or to the manager of the syndicate or account purchasing the Series 2018 Junior Lien Bond. Such audit shall be completed and so made available not later than one hundred eighty (180) days after the close of each Fiscal Year, and said audit may, at the option of the Issuer, be used in lieu of the statement on forms prepared by the Department of Treasury and all purposes for which said forms are required to be used by this Ordinance.

(c) It will maintain and carry, for the benefit of the holders of the Bonds, insurance on all physical properties of the System, of the kinds and in the amounts normally carried by municipalities engaged in the operation of similar systems. The amount of said insurance shall be approved by the Government. All moneys received for losses under any such insurance policies shall be applied solely to the replacement and restoration of the property damaged or destroyed, and to the extent not so used, shall be used for the purpose of calling Bonds.

(d) It will not borrow any money from any source or enter into any contract or agreement to incur any other liabilities that may in any way be a lien upon the Revenues or otherwise encumber the System so as to impair Revenues therefrom, without obtaining the prior written consent of the Government, nor shall it transfer or use any portion of the Revenues derived in the operation of the System for any purpose not herein specifically authorized.

(e) It will not voluntarily dispose of or transfer its title to the System or any part thereof, including lands and interest in land, sale, mortgage, lease or other encumbrances, without obtaining the prior written consent of the Government.

(f) Any extensions to or improvements of the System shall be made according to sound engineering principles and specifications shall be submitted to the Government for prior review.

Section 18. Additional Bonds. The Issuer may issue additional bonds of equal standing with the Outstanding Senior Lien Bonds and of equal or senior standing with the Series 2018 Junior Lien Bond for the purposes and on the conditions provided for in the Outstanding Ordinances.

Section 19. Ordinance Shall Constitute Contract. The provisions of this Ordinance shall constitute a contract between the Issuer and the bondholders and after the issuance of the Series 2018 Junior Lien Bond this Ordinance shall not be repealed or amended in any respect which will adversely affect the rights and interests of the holders nor shall the Issuer adopt any law, ordinance or resolution in any way adversely affecting the rights or the holders so long as the Series 2018 Junior Lien Bond or interest thereon remains unpaid.

Section 20. Refunding of Series 2018 Junior Lien Bond. If at any time it shall appear to the Government that the Issuer is able to refund upon call for redemption or with consent of the Government the then outstanding Series 2018 Junior Lien Bond by obtaining a loan for such purposes from responsible cooperative or private credit sources at reasonable rates and terms for loans for similar purposes and periods of time, the Issuer will, upon request of the Government, apply for and accept such loan in sufficient amount to repay the Government, and will take all such actions as may be required in connection with such loans.

Section 21. Default of Issuer. If there shall be default in the Junior Lien Redemption Account, provisions of this Ordinance or in the payment of principal of or interest on any of the Bonds, upon the filing of a suit by 20 percent of the holders of the Bonds, any court having jurisdiction of the action may appoint a receiver to administer the System on behalf of the Issuer with power to charge and collect rates sufficient to provide for the payment of the Bonds and for the payment of operation, maintenance and administrative expenses and to apply Revenues in accordance with this Ordinance and the laws of the State of Michigan.

The Issuer hereby agrees to transfer to any bona fide receiver or other subsequent operator of the System, pursuant to any valid court order in a proceeding brought to enforce collection or payment of the Issuer's obligations, all contracts and other rights of the Issuer, conditionally, for such time only as such receiver or operation shall operate by authority of the court.

The holders of 20 percent of the Bonds in the event of default may require by mandatory injunction the raising of rates in a reasonable amount.

Section 22. Ordinance Subject to Michigan Law and Government Regulations. The provisions of this Ordinance is subject to the laws of the State of Michigan and to the present and future regulations of the Government not inconsistent with the express provisions hereof and Michigan law.

Section 23. Fiscal Year of System. The fiscal year for operating the System shall be the Fiscal Year.

Section 24. Issuer Subject to Loan Resolution. So long as the Government is holder of any of the Bonds, the Issuer shall be subject to the loan resolution (RUS Bulletin 1780-27) and shall comply with all provisions thereof.

Section 25. Covenant Not to Defeas. So long as the Government is the holder of any of the Bonds, the Issuer covenants that it will not defeas any of the Bonds held by the Government.

Section 26. Conflict and Severability. All ordinances, resolutions and orders or parts thereof in conflict with the provisions of this Ordinance are to the extent of such conflict hereby repealed, and each section of this Ordinance and each subdivision of any section hereof is hereby declared to be independent, and the finding or holding of any section or subdivision thereof to be invalid or void shall not be deemed or held to affect the validity of any other section or subdivision of this Ordinance.

Section 27. Paragraph Headings. The paragraph headings in this Ordinance are furnished

for convenience of reference only and shall not be considered to be a part of this Ordinance.

Section 28. Publication and Recordation. This Ordinance shall be published in full in the *Coldwater Daily Reporter*, a newspaper of general circulation in the Issuer, qualified under State law to publish legal notices, promptly after its adoption, and the same shall be recorded in the Ordinance Book of the Issuer and such recording authenticated by the signatures of the President and the Village Clerk.

Section 29. Certain Determinations. The Village Manager, President and Village Clerk are hereby authorized to adjust the final bond details set forth herein to the extent necessary or convenient to complete the transactions authorized herein, and in pursuance of the foregoing each is authorized to exercise the authority and make the determinations authorized pursuant to Section 7a(1)(c) of Act 94, including but not limited to determinations regarding interest rates, prices, discounts, maturities, principal amounts, denominations, dates of issuance, interest payment dates, redemption rights, the place of delivery and payment, and other matters, *provided* that the aggregate principal amount of Series 2018 Junior Lien Bonds issued hereunder shall not exceed \$3,266,000 and the interest rate on the Series 2018 Junior Lien Bonds shall not exceed two and five-eighths percent (2.625%) per annum. The Village Manager, President and Village Clerk are authorized to confirm the terms of the sale of the Series 2018 Junior Lien Bonds issued hereunder and final bond specifications with respect to such Series 2018 Junior Lien Bonds by the execution of the form of bond and/or an appropriate form or sale order acceptable to bond counsel.

Section 30. Effective Date. This Ordinance is hereby determined by the Village Council to be immediately necessary for the preservation of the peace, health and safety of the Issuer and shall be in full force and effect from and after its passage and publication as required by law.

Passed and adopted by the Village of Quincy, County of Branch, State of Michigan, on March 6, 2018.

President

(Seal)

Attest: _____
Village Clerk

I hereby certify that the foregoing constitutes a true and complete copy of an Ordinance duly adopted by the Village Council of the Village of Quincy, County of Branch, State of Michigan, at a regular meeting held on the 6th day of March, 2018, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

I further certify that the following Members were present at said meeting: _____
_____ and that the following Members were absent: _____.

I further certify that Member _____ moved adoption of said Ordinance, and that said motion was supported by Member _____.

I further certify that the following Members voted for adoption of said Ordinance: _____
_____ and that the following Members voted against adoption of said Ordinance: _____.

I further certify that said Ordinance has been recorded in the Ordinance Book and that such recording has been authenticated by the signatures of the President and the Village Clerk.

Village Clerk



2018-2039 Capital Improvement Guide

PURPOSE AND DEFINITIONS

The purpose of the capital improvement plan (CIP) is to forecast and match projected revenues and major capital needs over a six (6)-year period, with an additional fifteen years for utility systems as required by the Department of Environmental Quality. Capital planning is an important management tool that strengthens the linkages between community infrastructure needs and the financial capacity of the Village.

The Village defines CIP capital expenditures as any expenditure of major value that recurs irregularly, results in the acquisition of a fixed asset, and has a useful life greater than five (5) years. As a rule of thumb, items included in the CIP include those which involve:

- acquisition, renovation, and/or construction of a single fixed asset greater than \$5,000
- any land purchases not associated with or included in another CIP project
- capital maintenance or asset improvement projects greater than \$5,000 – excluding recurring or routine maintenance projects

The projects identified in the CIP represent the community's plan to serve residents and anticipate the needs of a dynamic community. Projects are guided by various development plans and policies established by the planning commission, Village Council, and Village staff. These plans and policies include: Comprehensive Plan, Downtown Development Plan, Recreation Plan, Asset Management Plans for streets and utility systems, Village Strategic Plan, Community Marketing Plan, Community Economic Development Plan, and administrative policies.

HOW IS THE CIP DEVELOPED?

The CIP is updated annually (beginning in October) as part of the Village's regular budget process. After departments submit their CIP requests to the Village Manager in late October, the Village Manager evaluates the proposed projects based on Village Council service desires, other city infrastructure needs, the financial capacity of the village, and the impact the projects will create on the Village's operating budget.

Once the projects are evaluated, the Village Manager priorities the selection and timing of capital projects into future fiscal years. First-year projects are incorporated into the Village Manager's recommended annual operating budget. The Village Council are also presented the future, unappropriated, planning years for their consideration, review, and endorsement so staff can proceed with planning and evaluation of potential capital projects.

CAPITAL IMPROVEMENT PLAN

The capital improvement plan is simply that – a *plan*. As such, projects are subject to change based on new or shifting service needs, special financing opportunities, emergency needs, or

47 Cole St

Quincy

Michigan

49082

517.639.9065

www.Quincy-MI.org

other directives or priorities established by the Village Council. Village priorities may change, therefore projects included in outward planning years are not guaranteed for funding.

OVERVIEW OF CAPITAL IMPROVEMENTS PROGRAMMING

These tasks for programming Capital Improvements are explained in detail below and are repeated annually with a six-year projection.

Task #1: Prepare inventory and needs assessment

The inventory and needs assessment is the most involved task in relation to preparing the CIP. First an inventory of each City building, street, water line, sewer line and related facility must be completed. Any future facilities or infrastructure needs identified through the Village's Comprehensive Planning process are also included in the inventory. Maintenance records are then used to identify facilities that may need to be reconstructed or upgraded.

Task #2: Project schedule and cost estimate

The schedule and cost estimate of each of the projects identified within the first task must be prepared next by Village staff, a specific equipment supplier, or by a consultant engineer working for the Village.

Task #3: Project revenue and budget

The projects revenue and budget are projected out over six years.

Task #4: Analyze financing sources

Financing sources for each project are identified and may include multiple sources such as the general fund, federal or state grants, special assessments, general obligation or revenue bonds, and tax increment financing.

Task #5: Capital Improvements Program approval process

The Joint Planning Commission (JPC) first holds a public hearing on the draft document. After all questions are answered and any recommended changes are made, the JPC will approve the CIP and forwarded it to the City Council for final approval.

FUNDING SOURCES

A. General Fund

General fund monies are primarily derived from local property taxes, fines, fees, and contracts. Based upon administrative and operational expenses and committed bond payments, the amount of funds available for capital improvements has varied from year to year. Over the past several years, these funds have dropped significantly for several reasons. Increasing operating costs, combined with declining revenue sharing from the State and lower property tax values, have all tightened the Village's budget even further.

Many expensive projects are financed with General Obligation and Capital Improvement Bonds, which are then paid off through the General Fund. General Obligation Bonds are bonds issued by the Village which are backed by the full faith and credit of the Village. Excluding revenue bonds, which are assumed to be self-liquidating, a village is permitted to issue bonds totaling up to ten (10) percent of its assessed value.

B. Major and Local Street Funds

Major and Local Street Fund monies are derived from the State Gas and Weight Taxes; but the future of this funding continues to be uncertain. These are State excise taxes included in gasoline prices and vehicle licensing fees.

C. Municipal Street Funds

The Village assesses a millage to all ad valorem properties for the support of the street system. These funds are housed in the Municipal Streets Fund, but are transferred to the General, Local Streets, or Major Streets funds for actual project completion. These funds have been reduced over the past several years due to declining property values.

D. Water/Sewer Funds

The Water and Sewer Fund monies are derived primarily from user fees for Village water and sewer services. This fund can only be used to maintain and improve the water and sewer system.

E. State and Federal Grants

In some cases the Village is able to obtain State or Federal funding to cover part of the cost of particular projects, such as road projects, park improvements, etc. In those cases, the CIP is structured to reflect the anticipated funding sources and the Village's share of the total cost.

F. Private Sources

As traditional sources for capital improvements become restricted, private and other non-traditional fund sources offer an opportunity to bridge funding gaps. It is anticipated that the Village will begin to explore private funding sources to assist in the overall financing of many public improvements. Private sources are particularly attractive for projects with high visibility such as the Northeast Block Redevelopment.

G. General Obligation Bonding

One method to achieve a more balanced funding level for CIP projects is to initiate a ballot proposal for a small millage increase specifically earmarked for CIP projects. This method is used as a means to insure that needed projects can be accomplished on a regular basis, even during tight budgetary times.

H. Special Assessment

Capital improvements that benefit particular properties, rather than the community as a whole, may be financed more equitably by special assessment; that is, by those who directly benefit.

Local improvements often financed by this method include street improvements (including pavement, curb and gutter, sidewalks, etc.), sanitary and storm sewers, and water mains. These types of improvements are often needed to serve new developments.

I. Tax Increment Financing

The Village has utilized Tax Increment Financing (TIF) for a variety of development projects. TIF is the utilization of the incremental increase in tax revenue generated from a new project that is greater in value from the development it replaces. The Village has three entities that have the ability to utilize TIF: Downtown Development Authority (DDA), Brownfield Redevelopment Authority (BRA), and Local Development Finance Authority (LDFA). The specific use of TIF revenue varies between these three entities, but generally provides for the use of TIF revenue to complete public components of a project. These components include a wide range of activities such as streets and parking (DDA), environmental remediation (BRA), and business development services (LDFA). The legal basis and regulations of TIF are provided for through Michigan law.

STATUS REPORT

A. Inventory

An inventory is kept for all Capital Improvement items to assure that the provisions for maintenance and replacement are made.

1. Water and Sewer Utility Inventory

The Department of Public Works has prepared an inventory of the water and sanitary sewer system. There are four basic facets of the water utility: water lines, valves, meters, and fire hydrants. For the sanitary sewer utility, the data file simply contains information on sewer lines. The sewer lines may consist of combined sanitary and storm sewer lines or separate sanitary sewer lines.

The information for the utility database consists basically of mapped data. This mapped data for sewers includes information on pipe diameter and pipe length. Specific project files include data on pipe material and the date the pipe is installed.

The water database contains quite specific information dealing with water valves, meters, fire hydrants and includes items such as an identification number, size and pipe material. In addition to being filed according to a specific project improvement, information is also included in a mapped database.

2. Local and Major Streets Inventory

The local and major streets inventory and analysis is completed by using the "Roadsoft" program, developed by the Michigan Department of Transportation. The program contains an

assessment of street conditions based upon pavement type, pavement width, its condition, and similar characteristics. These factors may change along each street segment and block.

3. Park and Recreation Facilities Inventory

An inventory of existing park and recreation facilities was completed in 2014 as part of the development of the Quincy 5-Year Parks and Recreation Plan. Recommendations were made and these were used to develop policy statements, action priorities and a 5-Year Action Program for the Parks and Recreation system.

B. Needs Assessment

To determine CIP needs for Quincy, it is necessary to distinguish between expansion or improvement needs and repair and replacement needs. The need for improved facilities is based upon the level of service the Village finds desirable. In general, repair or replacement projects are designed to alleviate the need for more costly replacement of entire systems.

1. Utilities

The Village now has approximately 15 miles of water mains, with limited planned expansion to the distribution system. The water system has seen many projects (i.e. water treatment plant, new water tower, some distribution system improvements) over the past fifteen (15) years that have brought the system closer to contemporary standards. There are deficiencies in the distribution system, with water lines range 4”to 12”, some of which are over 100 years old. Most of the Village’s residential areas are served by the 100+ year old water mains that are too small by contemporary standards. The replacement of these water mains and its effect on the street systems is the biggest infrastructure issue facing Quincy.

The sewer system is in the midst of a major improvement project that will see all of its remaining original lift stations replaced, meaning that the oldest station in the system will be approximately ten (10) years old. The funds to cover this project were provided by a low interest loan from the US Department of Agriculture- Rural Development (USDA-RD). Increases in the sewer rates may be needed in the future to pay off the debt retirement.

The Village has received a SAW grant from the Michigan Department of Environmental Quality to assist in the development of asset management plans for the sanitary and storm sewer systems. Part of the process will be analyze sewer lines through televising and cleaning. The videotape is reviewed, and problems are scheduled for routine maintenance or correction. These are the only improvements anticipated in the Sanitary Sewer collection system. A comprehensive Master Plan for the Storm Sewer system will be developed with the SAW grant.

The Wastewater Treatment Plant (WWTP) is also receiving upgrades as part of the USDA-RD project. These upgrades of the mechanical and electrical equipment, removal of sludge, and introduction of a SCADA system will address all current and identified issues at the WWTP. The plant is designed to handle flows in the range of about 0.220 million gallons per day. Average flows are now about 0.155 million gallons per day. Hydraulically, the current plant has sufficient

capacity to meet the Village's future needs. Any future expansion of the system in the Township or addition of sewer around the lakes will require an expansion of the WWTP.

2. Major and Local Streets

The Village has 4.33 miles of local streets and 3.66 miles of major streets. Much of the funding available for the maintenance and improvement of these streets in the past came from funds distributed through Public Act 51 - Gasoline Tax Funds.

3. Parks and Recreation

The Village has approximately six (6) acres of parks, recreation and open space property. These properties are discussed in the Parks, Recreation, Open Space and Greenways Plan. This plan contains a five-year proposed capital improvement program and must be updated every five years in order to be eligible for funds from the Michigan Department of Natural Resources Grant Programs. The Village completed the development of the plan in 2015. The Quincy Parks and Recreation Plan outlines the Quincy community's parks and recreation program for the years 2016-2021.

CAPITAL BUDGET POLICIES

In reviewing capital improvements, the Village's Comprehensive Plan has been a major policy document used in evaluating the Capital Improvements Program. The Comprehensive Plan, is currently under development by the Planning Commission, is a broad-based policy document for the physical, economic and social development of the City. One of the key methods for implementing the Plan's proposals lies in the Village's schedule of public improvements as expressed in the annual CIP.

The following is a general guideline used in preparing the CIP:

1. The Village will develop a multi-year plan for capital improvements, update it annually and make all capital improvements in accordance with the plan.
2. The Village shall, to the extent possible, designate that funding for second and third priority projects be given a higher priority and leverage Village resources with private or other fund sources.
3. The Village will maintain its physical assets at a level adequate to protect its capital investment and to minimize future maintenance and replacement costs.
4. The Village will use the following criteria to evaluate the relative merit of each capital project:
 - a. capital improvements which preserve the Village's infrastructure;
 - b. capital improvements which foster the vitality and physical improvement of the downtown;
 - c. capital improvements which preserve the residential character of the community;

- d. capital improvements which improve the Village’s parks and recreational facilities; and
 - e. projects which are environmentally advantageous to both the natural and human habitat.
5. Priority will be given to those capital improvements which:
- a. implement a component of the Comprehensive Plan or Asset Management Plan;
 - b. meet a mandate or regulation of the State or Federal government;
 - b. are part of an approved replacement schedule;
 - c. reduce either the cost of operations or energy consumption; and
6. No project will be considered for capital funding if:
- a. the project violates the principles and concepts of the Comprehensive Plan; and
 - b. the project is duplicative of other public or private services, unless determined to be in the best interests of the community by the Village Council.

BUDGET SUMMARY

Table 1 is a six-year projection on spending for various functional areas of the Village's Capital Stock. Table 2 is next fifteen-year projection on spending for the Utility Systems. Table 3 is the Village's bonded indebtedness and payment schedule for the next six years.

If the Village is to achieve the goals and objectives presented in the Comprehensive Plan, it will be necessary to make a firm financial commitment to capital improvements through a variety of means in ensuing years. The improvement or replacement of existing public facilities and the development of needed new facilities must be weighed equally with the continued provision of local programs and services in allocating local resources. If existing facilities are allowed to deteriorate, it could result in more severe financial pressures in the future when breakdowns occur. Failure to provide new facilities could impede growth or diminish the desirability, and thus the value, of existing development.

CONTACT INFORMATION

For any questions regarding this document, please contact the Village Manager at (517)639-9065 x11, eric.zuzga@quincy-mi.org, or visit the Village’s budget website: <http://www.quincy-mi.org/Government/Finances/index.html>.

ABBREVIATIONS

The following abbreviations are used in the Capital Improvement Plan:

G	General Fund	LP	Lease Purchase
W	Water Fund	D	Donations
S	Sewer Fund	CDBG	Community Development Block Grant
MS	Major Streets	DNR	Dept of Natural Resources
LS	Local Street	QFA	Quincy Fire Association

MUS	Municipal Streets	RD	USDA-Rural Development
QT	Quincy Township	ACT 51	Act 51 Bond
RB	Revenue Bond	MDOT	MI Department of Transportation
DDA	Downtown Development Authority		



TABLE 1. 2018-2024 CAPITAL IMPROVEMENT PLAN

Function	Project	Funding Sources	Capital Cost	Fiscal Years					
				2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
GENERAL FUND									
Streets	Front Plow for 2010 Plow Truck	G	\$ 10,000					\$ 10,000	
Streets	Backhoe Replacement	G, LP	\$ 140,000					\$ 140,000	
Streets	Replace 1-Ton Dump	G, LP	\$ 45,000		\$ 45,000				
Streets	Replace Kubota	G, LP	\$ 42,000		\$ 20,000				\$ 22,000
Streets	Replace Zero Turn Mower	G, LP	\$ 17,000			\$ 17,000			
Streets	Replace GMC Plow Truck	G, LP	\$ 145,000			\$ 145,000			
Vehicle & Equipment Subtotal			\$ 399,000	\$ -	\$ 65,000	\$ 162,000	\$ -	\$ 150,000	\$ 22,000
Police	Police Vehicle	G, LP, RD	\$ 90,000	\$ 45,000			\$ 45,000		
Police	Public Safety Training Facility	G, D	\$ 10,000		\$ 10,000				
Public Safety Subtotal			\$ 100,000	\$ 45,000	\$ 10,000	\$ -	\$ 45,000	\$ -	\$ -
DDA	Downtown Sound System & Electric Upgrades	G, D, DDA	\$ 40,000		\$ 40,000				
Village Hall	Computer Server	G, 911	\$ 10,000				\$ 10,000		
Streets	Salt Bin Replacement	G, LP	\$ 70,000		\$ 70,000				
Village Hall	Cole Street Building Expansion	G, LP, RD, T	\$ 275,000		\$ 275,000				
Village Hall	Combined Municipal Building	G, LP, RD, T	\$ 800,000		\$ 800,000				
DDA	Festival Pavilion- NE block	G, DDA, RD, T	\$ 150,000		\$ 150,000				
Village Hall	Village Hall Fence Extension	G, W, S, RD	\$ 14,000		\$ 14,000				
Village Hall	Village Hall Parking Lot Recon.	G, W, S, RD	\$ 20,000		\$ 20,000				
Facilities Subtotal			\$ 1,339,000	\$ -	\$ 1,329,000	\$ -	\$ 10,000	\$ -	\$ -
Parks	Village Wide Trail System	G, DNR, LP, D, QT	\$ 300,000				\$ 150,000	\$ 150,000	
Parks	Coldwater-Quincy Linear Path	G, DNR, LP, D, QT	\$ 4,000,000		\$ 4,000,000				
Parks	Quincy-Jonesville-Concord Linear Path	G, DNR, LP, D, QT	\$ 25,000,000						\$ 25,000,000
Parks	Pavilion at Cement Plant	G, DNR, LP, D, QT	\$ 50,000				\$ 50,000		
Parks	Cement Plant Clean-Up/Parking Lot	G, DNR, LP, D, QT	\$ 260,000			\$ 260,000			
Parks	Channel Clean-Up- Cement Plant	G, DNR, LP, D, QT	\$ 30,000					\$ 30,000	
Parks	Fishing Pier	G, DNR, LP, D, QT	\$ 30,000					\$ 30,000	
Parks	SW Neighborhood Park- Land Acquisition	G, DNR, LP, D, QT	\$ 15,000				\$ 15,000		
Parks	SW Neighborhood Park- Equipment	G, DNR, LP, D, QT	\$ 13,500				\$ 13,500		
Parks	Rotary Park- Land Acquisition	G, D	\$ 170,000	\$ 170,000					
Parks	Rotary Park Development	G, D, DNR	\$ 750,000		\$ 750,000				
Parks	Transfer Station Site Clean-Up and Site Prep	G, DNR, D	\$ 30,000		\$ 30,000				
Parks	Disc Golf Equipment	G, DNR, D	\$ 15,000		\$ 15,000				
Parks	Transfer Station- Parking Lot	G, DNR, D	\$ 7,000		\$ 7,000				
Parks and Recreation Subtotal			\$ 30,670,500	\$ 170,000	\$ 4,802,000	\$ 260,000	\$ 228,500	\$ 210,000	\$ 25,000,000
GENERAL FUND TOTAL EXPENSE			\$ 32,508,500	\$ 215,000	\$ 6,206,000	\$ 422,000	\$ 283,500	\$ 360,000	\$ 25,022,000

Function	Project	Funding Sources	Capital Cost	Fiscal Years					
				2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Treatment	Well and Water Plant Improvements	W	\$ 138,000	\$ 21,000	\$ 21,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000
Treatment	Media Replacement at Water Plant	W	\$ 20,000						\$ 20,000
Treatment	East Well Replacement	W, CDBG	\$ 275,000	\$ 275,000					
Treatment	Land Acquisition for New Wells	W	\$ 60,000					\$ 60,000	
Distribution	North Main Street water main	RD, CDBG, W	\$ 125,000		\$ 125,000				
Distribution	Hewitt Street water main	W, RD, CDBG	\$ 77,000	\$ 77,000					
Distribution	Depot Street water main	W, RD, CDBG	\$ 45,000			\$ 45,000			
Distribution	Fulton Street water main	W, RD, CDBG	\$ 196,768	\$ 196,768					
Distribution	Orange Street water main	W, RD, CDBG	\$ 82,643	\$ 82,643					
Distribution	East Liberty Street water main	W, RD, CDBG	\$ 187,384	\$ 187,384					
Distribution	West Jefferson/Pleasant water main	W, RD, CDBG	\$ 693,000	\$ 693,000					
Distribution	Church Street water main	W, RD, CDBG	\$ 81,659			\$ 81,659			
Distribution	Water Tower Maintenance	W	\$ 148,428	\$ 24,738	\$ 24,738	\$ 24,738	\$ 24,738	\$ 24,738	\$ 24,738
WATER FUND TOTAL			\$ 2,129,882	\$ 1,557,533	\$ 170,738	\$ 175,397	\$ 48,738	\$ 108,738	\$ 68,738
Collection	Sewer Main Repairs- CIP lining	S	\$ 60,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
SEWER FUND TOTAL			\$ 60,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
UTILITY FUNDS TOTAL			\$ 2,189,882	\$ 1,567,533	\$ 180,738	\$ 185,397	\$ 58,738	\$ 118,738	\$ 78,738
Local Streets	Orange Street Rehabilitation	RD, LS	\$ 109,194	\$ 109,194					
Local Streets	Hewitt Street Rehabilitation	RD, LS	\$ 240,000	\$ 240,000					
Local Streets	Hawley Street Reconstruction	ACT 51, LS	\$ 448,826						\$ 448,826
Major Streets	Pleasant Street Rehabilitation	RD, MS	\$ 120,000	\$ 120,000					
Local/Major	West Jefferson Street Reconstruction	RD, LS, MS	\$ 225,000	\$ 225,000					
Local Streets	Depot Street Reconstruction	RD, LS	\$ 33,000			\$ 33,000			
Local Streets	Brown Street Reconstruction	ACT 51, LS	\$ 165,324						\$ 165,324
Local Streets	Church/Park Street Reconstruction	RD, LS	\$ 75,000			\$ 75,000			
Major Streets	East Liberty Street Reconstruction	RD	\$ 385,000	\$ 385,000					
Major Streets	Fulton Street Reconstruction	RD, MS	\$ 225,000	\$ 225,000					
STREETS FUNDS TOTAL			\$ 2,026,344	\$ 1,304,194	\$ -	\$ 108,000	\$ -	\$ -	\$ 614,150

TABLE 2. UTILITY SYSTEM 2024-2039 CAPITAL IMPROVEMENT PROJECTS

Function	Project	Funding Sources	Capital Cost	Five Year Periods		
				2024-2029	2029-2034	2034-2039
Distribution	Hawley Street Main	W, CDBG, RB, RB	\$ 265,000	\$ 265,000		
Distribution	Bennett Street Main (Jefferson-Liberty)	W, CDBG, RB, RB	\$ 108,500	\$ 108,500		
Distribution	Bond Street Main (Jefferson-Liberty)	W, CDBG, RB, RB	\$ 108,500	\$ 108,500		
Distribution	Pleasant Street Main (Jefferson-Liberty)	W, CDBG, RB, RB	\$ 190,000		\$ 190,000	
Distribution	West Street Main (Cemetery-US-12)	W, CDBG, RB, RB	\$ 107,865		\$ 107,865	
Distribution	Cemetery Loop (West-Beckwith)	W, CDBG, RB, RB	\$ 106,950			\$ 106,950
Distribution	Grand Blvd Loop (Grand-Lake)	W, CDBG, RB, RB	\$ 51,200			\$ 51,200
Distribution	County Park Loop (Lake Blvd-Beckwith)	W, CDBG, RB, RB	\$ 288,960			\$ 288,960
Distribution	West Liberty Street water main	W, CDBG, RB, RB	\$ 130,000	\$ 130,000		
Distribution	North Main Street Main (Cole-VL)	W, CDBG, RB, RB	\$ 354,400			\$ 354,400
Distribution	Church Street Main (Cole-Broughton)	W, CDBG, RB, RB	\$ 132,345		\$ 132,345	
Distribution	Gravel Pit Extension (Ridge to Pit Area)	W, CDBG, RB, RB	\$ 360,480			\$ 360,480
Distribution	Quail Meadows 2nd Phase	W, CDBG, RB, RB	\$ 131,580	\$ 131,580		
Distribution	Additional Water Tower	W, CDBG, RB, RB	\$ 1,000,000			\$ 1,000,000
Distribution	East Chicago Main (Grove-Courtyard)	W, CDBG, RB, RB	\$ 276,800			\$ 276,800
Distribution	Depot Street Main (US-12-end)	W, CDBG, RB, RB	\$ 45,900	\$ 45,900		
Distribution	Maiden Lane (US-12-Star of the West)	W, CDBG, RB, RB	\$ 34,425	\$ 34,425		
Distribution	Cole Street Loop (Cole-US-12)	W, CDBG, RB, RB	\$ 310,000			\$ 310,000
Distribution	Recreation Facility Main	W, CDBG, RB, RB	\$ 200,000	\$ 200,000		
Distribution	Water Meters	W, CDBG, RB, RB	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000
Distribution	Radio Unit Replacement	W, CDBG, RB, RB	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000
Treatment	Treatment Plant Expansion	W, CDBG, RB, RB	\$ 750,000			\$ 750,000
Treatment	VFD Installation at Each Well	W, CDBG, RB, RB	\$ 60,000		\$ 30,000	\$ 30,000
Treatment	Fence in Well Site	W, CDBG, RB, RB	\$ 40,000	\$ 40,000		
Treatment	Well and Water Plant Improvements	W, CDBG, RB, RB	\$ 395,000	\$ 130,000	\$ 130,000	\$ 135,000
Treatment	Media Replacement at Water Plant	W, CDBG, RB, RB	\$ 25,000			\$ 25,000
Treatment	Wells Addition and piping to WTP	W, CDBG, RB, RB	\$ 600,000	\$ 600,000		
WATER FUND TOTAL			\$ 5,145,930	\$ 1,411,905	\$ 392,345	\$ 3,341,680
Collection	Sewer Main Repairs- CIP lining	S	\$ 210,000	\$ 60,000	\$ 70,000	\$ 80,000
Collection	North Main Lift Station Upgrades	S, CDBG, RB	\$ 250,000	\$ 250,000		
Collection	Pleasant Street Lift Station Upgrades	S, CDBG, RB	\$ 250,000	\$ 250,000		
Collection	Cole Street Lift Station Upgrades	S, CDBG, RB	\$ 70,000	\$ 70,000		
SEWER FUND TOTAL			\$ 780,000	\$ 630,000	\$ 70,000	\$ 80,000
UTILITY FUNDS TOTAL			\$ 5,925,930	\$ 2,041,905	\$ 462,345	\$ 3,421,680

**Table 2
Debt Schedule
Fiscal Year 2017-2018**

Project	Year Issued	Year Retired	Amount of Issue	Type of Debt	Funding Source	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	Six Year Total
Park and Water System Imp.	2015	2022-2023	\$ 450,000	Cap Imp Bond	Gen/Water	\$ 67,800	\$ 71,175	\$ 69,485	\$ 72,730	\$ 70,910		\$ 352,100
2016 Police SUV Lease Purchase	2016	2020-2021	\$ 44,323	Lease Purchase	General	\$ 8,880	\$ 8,880	\$ 2,960				\$ 20,720
2016 Kubota ATV	2016	2021-2022	\$ 26,188	Lease Purchase	General							\$ -
2016 F-350 Dump Truck	2016	2021-2023	\$ 54,722	Lease Purchase	General							\$ -
2016 Transit Van	2016	2021-2024	\$ 34,690	Lease Purchase	General							\$ -
Subtotal General Fund						\$ 76,680	\$ 80,055	\$ 72,445	\$ 72,730	\$ 70,910	\$ -	\$ 372,820
Enterprise Fund Debt												\$ -
Baldwin/Wilcox/Lake's End Sewer	2006	2018-2019	\$ 225,000	Cap Imp Bond	Sewer	\$ 26,038						\$ 26,038
Sewer System Improvements	2015	2055-2056	\$ 4,200,000	Revenue Bond	Sewer	\$ 165,105	\$ 165,530	\$ 165,903	\$ 165,223	\$ 165,516		\$ 827,277
Subtotal Sewer Fund						\$ 191,143	\$ 165,530	\$ 165,903	\$ 165,223	\$ 165,516	\$ -	\$ 853,315
Water System Improvements RD	1997	2026-2027	\$ 1,081,000	Revenue Bond	Water	\$ 81,987	\$ 81,044	\$ 80,809	\$ 82,324	\$ 81,496	\$ 81,571	\$ 489,230
ICE CDBG Revenue Bond	2017	2032-2033	\$ 530,000	Revenue Bond	Water	\$ 44,875	\$ 48,938	\$ 47,813	\$ 46,688	\$ 45,563	\$ 44,438	\$ 233,875
ICE CDBG Revenue Bond	2018	2032-2033	\$ 204,000	Revenue Bond	Water	\$ 18,441	\$ 18,730	\$ 19,280	\$ 18,785	\$ 19,290	\$ 18,750	\$ 113,276
Water System Improvements RD	2018	2059-2060	\$ 3,266,000	Revenue Bond	Water	\$ -	\$ 132,733	\$ 132,499	\$ 133,239	\$ 132,926	\$ 132,588	\$ 663,985
Subtotal Water Fund						\$ 145,303	\$ 281,445	\$ 280,401	\$ 281,036	\$ 279,274	\$ 277,346	\$ 1,544,803
Total Debt Service						\$ 413,126	\$ 527,030	\$ 518,749	\$ 518,989	\$ 515,700	\$ 277,346	\$ 2,770,938

Total Debt Service/All Funds

Total Bond Indebtedness as of March 31, 2018 was (principal outstanding).



2018-2024 Capital Improvement Plan Project Descriptions

Streets Equipment Requests

Backhoe Replacement

A replacement backhoe with four-wheel drive assist for the current 1998 John Deere Backhoe.

Expected Year: 2022-2023

Total Capital Cost: \$140,000

Funding Method: Lease Purchase

Front Plow for 2010 Int'l Plow Truck

Addition of a front plow on our newest plow truck. This will assist in heavier snows and allow us to be more efficient.

Expected Year: 2022-2023

Total Cost: \$10,000

Funding Method: Operating Revenue

One Ton Dump Replacement

Replacement of our workhorse dump truck with a new F-350.

Expected Year: 2019-2020

Total Cost: \$45,000

Funding Method: Lease Purchase

Kubota Mower Replacement

One of our existing mowers is due for replacement. The other one will also be due for replacement, but we are making a change to a gator vehicle for the winter activities that the kubota has been used.

Expected Year: 2019-2020 and 2023-2024

Total Cost: \$20,000 & \$22,000

Funding Method: Lease Purchase

Replace Zero Turn Mower

The zero-turn mower that is our primary mowing unit will be due for replacement. It

has replaced the larger Kubota units as our primary mower.

Expected Year: 2020-2021

Total Cost: \$17,000

Funding Method: Lease Purchase

Replace GMC Plow Truck

Our 2002 GMC plow truck will be due for replacement and adding an International Dump truck is planned.

Expected Year: 2020-2021

Total Cost: \$145,000

Funding Method: Lease Purchase

Public Safety Requests

Police Vehicle Replacement

The Police Interceptor purchased in 2014 will need to be replaced in 2018-2019. Staying with the Ford Interceptor SUV is recommended. We will transfer everything still in good condition to the new vehicle. The unit purchased in 2015 will also need to be replaced during the CIP's term, 2021-2022 FY.

Expected Year: 2018-2019, 2021-2022

Total Cost: \$45,000 and \$45,000

Funding Method: Lease Purchase, Operating Revenues

Public Safety Training Facility

The Police Department is developing a shooting range on a field at the lagoons that has not been farmed in many years.

Expected Year: 2018-2019

Total Cost: \$10,000

Funding Method: Operating Revenue, grants

47 Cole St

Quincy

Michigan

49082

517.639.9065

www.Quincy-MI.org

Facilities Requests

Downtown Sound System & Electric Upgrades

Installation of a district wide sound system and addition of electric outlets at each tree.

Expected Year: 2020-2021

Total Cost: \$40,000

Funding Method: Operating Revenues, RD Community Facilities Loan

Computer Server

The current server was recently provided by 911. This server will serve all aspects of Village operations.

Expected Year: 2021-2022

Total Cost: \$10,000

Funding Method: Operating Revenues

Salt Bin Replacement

The existing salt bin is undersized, in need of major repairs, and a different model is needed. We are currently exploring different options.

Expected Year: 2019-2020

Total Cost: \$70,000

Funding Method: Lease Purchase, RD Community Facilities loan

Cole Street Building Expansion

Expansion of the current garage space to account for expanded Police Department and a reconfigured use of facility.

Expected Year: 2019-2020

Total Cost: \$275,000

Funding Method: CIP Bond, RD Community Facilities Loan

Combined Municipal Building

Construction of an office building in the downtown that would be a combined Village/Township facility that would anchor the NE Block Redevelopment.

Expected Year: 2019-2020

Total Cost: \$800,000

Funding Method: RD Community Facilities loan, CIP Bond

Festival Pavilion- NE Block

Construction of a new pavilion in the NE Block to host Farmer's Market and other events.

Expected Year: 2019-2020

Total Cost: \$150,000

Funding Method: RD Community Facilities Loan, CIP Bond, DDA

Village Hall Fence Extension

We are proposing to extend the fence to cover the entire Village lot, all the way from the current fence to the railroad.

Expected Year: 2019-2020

Total Cost: \$14,000

Funding Method: Operating Revenue, RD Community Facilities Loan

Village Hall Parking Lot Reconstruction

The lot is close to needing to reconstruction. We will extend the life by using certain maintenance activities on the lot to get a few more years out of the parking lot.

Expected Year: 2019-2020

Total Cost: \$20,000

Funding Method: Operating Revenues, RD Community Facilities Loan

Parks Requests

Village Wide Trail System

A trail system that would connect the school, parks, tip-up, and the county park would be constructed to encourage physical activity and interconnection of community locations.

Expected Year: 2021-2022, 2022-2023

Total Cost: \$200,000

Funding Method: Grants, Operating Revenue, Donations

Coldwater-Quincy Linear Path

A path would be constructed to connect the Village Park and Coldwater's linear path along the Indiana Northeastern Railroad.

This five mile trail would be open to all non-motorized uses.

Expected Year: 2019-2020

Total Cost: \$4,000,000

Funding Method: Grants, Donations, and Operating Revenue

Quincy-Jonesville-Concord Linear Path

An extension of the Coldwater trail system to Jonesville and Concord has been proposed. This would add at least 20 miles to the trail system. It would also connect in to a trail that leads to Hillsdale.

Expected Year: 2023-2024

Total Cost: \$25,000,000

Funding Method: Grants, Donations, and Operating Revenue

Pavilion at Cement Plant

A pavilion, at least 30x60, would be built on the former cement plant property. This would provide additional opportunities along the lakes and could assist the Tip-Up festival.

Expected Year: 2021-2022

Total Cost: \$50,000

Funding Method: Operating Revenue, Donations, and Grants

Cement Plant Clean-up

Additional clean-up at the cement plant, including removal of the silos, removal of all concrete to 6" below grade, and regrading of the entire site. Grass would be planted on the site to create a multi-purpose field for community use. Coordination with the county would be necessary as they own land that would need to be included in the project.

Expected Year: 2020-2021

Total Cost: \$200,000

Funding Method: Grants, Donations, Operating Revenue, and Intergovernmental Partnerships

Cement Plant Parking Lot

A parking lot, asphalt or gravel, would be added to a portion of the site to allow for parking for the pavilion and for Tip-Up Island.

Expected Year: 2020-2021

Total Cost: \$60,000

Funding Method: Grants, Donations, Operating Revenue

Channel Clean-Up Cement Plant

The channel around Tip-Up Island has become overgrown and filled with silt over the past several decades. The channel would need to be dredged and the banks rebuilt.

Expected Year: 2022-2023

Total Cost: \$30,000

Funding Method: Grants, Donations, Operating Revenue, and Intergovernmental Partnerships

Fishing Pier at Tip-Up Island

Construction of a fishing pier to provide public access to the lakes.

Expected Year: 2022-2023

Total Cost: \$30,000

Funding Method: Grants, Donations, Operating Revenue

SW Neighborhood Park- Land Acquisition

The Village should identify property in the southwest quadrant to provide a neighborhood park for this area.

Expected Year: 2021-2022

Total Cost: \$15,000

Funding Method: Operating Revenue and Donations

SW Neighborhood Park- Equipment

Once the potential park property has been identified, equipment for the uses identified by the community will need to be acquired.

Expected Year: 2021-2022

Total Cost: \$13,500

Funding Method: Donations and Operating Revenue

Rotary Park- Land Acquisition

Acquisition of 16.65 acres for be used as a multi-purpose recreational facility. Deal should be closed in April 2018.

Expected Year: 2018-2019

Total Cost: \$170,000

Funding Method: Donations and Grants

Rotary Park Development

Softball/baseball fields, a walking path, playground, picnic areas, and multi-purpose fields have been proposed for the site.

Phase approach to be developed.

Expected Year: 2019-2020

Total Cost: \$750,000

Funding Method: Grants, Donations, Operating Revenue, and Intergovernmental Partnerships

Transfer Station Site Clean-Up and Site Prep

A new access drive for the rear of the property would be added off of the current drive and a fence built to separate the transfer station from the rest of the site. Staff time clearing areas of the property and tree maintenance would also be required.

Expected Year: 2019-2020

Total Cost: \$30,000

Funding Method: Operating Revenue, Grants, Staff Time, and Donations.

Disc Golf Equipment

A disc golf course would be built on the unused portion of the transfer station site.

Expected Year: 2019-2020

Total Cost: \$15,000

Funding Method: Operating Revenue, Grants, and Donations.

Transfer Station- Parking Lot

A gravel parking lot would be constructed off of the new access drive.

Expected Year: 2019-2020

Total Cost: \$7,000

Funding Method: Donations, Operating Revenue, and Staff time

Water/Sewer Fund Requests

Well and Water Plant Improvements

The Village has entered in to a contract with Peerless Midwest to overhaul the well pumps, high service pumps, and clean the wells. This work will be completed over many years, with specific activities to be completed each year.

Expected Year: each year

Total Cost: \$21,000-24,000

Funding Method: Grants and Operating Revenue

Media Replacement at Water Plant

The media (sand) in the filters at the water plant have been in place since its construction in 1997. It is still providing the necessary filtration and replacement is not necessary, but may need to be completed over the term of the CIP.

Expected Year: 2023-2024

Total Cost: \$20,000

Funding Method: Grants, Donations, Operating Revenue

East Well Replacement

Drilling of a new well to replace the original well on the Glenn Avenue Site. Includes piping, well drilling, and addition of a building to cover well.

Expected Year: 2018-2019

Total Cost: \$275,000

Funding Method: RD Loan

Land Acquisition for New Wells

The Village's two wells are at one site on Glenn Avenue. The current Wellhead Protection Program has recommended the addition of a new well site for future water needs.

Expected Year: 2022-2023

Total Cost: \$50,000

Funding Method: Grants, Bonds, and Operating Revenue

North Main Street Water Main

Installation of 8" or 12" main to replace the existing 4" main from Cole to Broughton. Water main to be placed outside of the roadway.

Expected Year: 2019-2020

Total Cost: \$77,000

Funding Method: Grants, Bonds, and Operating Revenue

Hewitt Street Water Main

Installation of an 8" water main to replace the existing 4" main.

Expected Year: 2018-2019

Total Cost: \$77,000

Funding Method: Grants, Bonds, and Operating Revenue

Depot Street Water Main

Installation of 8" or 12" water main to replace the existing 4" main. To be coordinated with the NE Block Redevelopment.

Expected Year: 2020-2021

Total Cost: \$45,000

Funding Method: Grants, Bonds, and Operating Revenue

Fulton Water Main

An 8" water main will be added from Orange Street to East Liberty as part of the RD project. This will complete the redevelopment of Fulton Street.

Expected Year: 2018-2019

Total Cost: \$196,768

Funding Method: Revenue Bond

Orange/Wood Water Main

Over the past few years, work has been completed to abandon the old 4" water main on Wood and Orange Streets. Additional valve and pipe work is necessary at the Wood and Liberty Street intersection. This

project would also add a 6" main on Orange Street from Wood to Fulton Street.

Expected Year: 2018-2019

Total Cost: \$82,643

Funding Method: Revenue Bond

East Liberty Water Main

The construction of a 12" water main that would replace an inadequate 4" water main. This is a priority project due to the school campus and our inability to provide adequate fire flow.

Expected Year: 2018-2019

Total Cost: \$187,384

Funding Method: Revenue Bond

West Jefferson/Pleasant Water Main

This project would see an 8" water main installed from Main to Berry Street and on Pleasant from US-12 to W. Jefferson. Another 4" main would be retired under this project.

Expected Year: 2018-2019

Total Cost: \$693,000

Funding Method: RD Loan

Church Water Main

A 6" water main would be extended south from Cole Street to Park Street. One of the few remaining 4" mains on the north side of town would be retired upon project completion.

Expected Year: 2020-2021

Total Cost: \$81,659

Funding Method: Bonds and Operating Revenue

Water Tower Maintenance

The Village entered in to a contract with Utility Services to provide maintenance services on the water tower. Utility Services will inspect the tower annually and when required will pain the interior and exterior. The fee noted each year covers the cost of all of this work.

Expected Year: Every Year

Total Cost: \$24,738

Funding Method: Operating Revenue

Sewer Main Repairs- CIP lining

The Village Sewer Collection System is almost 85 years old in parts of the Village and is in need of repairs in certain areas. The pipe still provides suitable capacity, but is showing its age in areas. This project will line the pipe in these areas. We are proposing to set aside enough to cover several fixes each year.

Expected Year: Every Year

Total Cost: \$10,000

Funding Method: Operating Revenue

Street Project Requests

Orange/Wood Rehabilitation

On Orange Street, one lane will be rebuilt to allow for water main installation from Fulton to Wood, with a mill and overlay on the remaining area. Reconstruction is needed at the Liberty and Wood intersection to repair the area seeing water main/valving improvements.

Expected Year: 2018-2019

Total Cost: \$109,194

Funding Method: Revenue Bonds

Hewitt Street Rehabilitation

Replacement of the storm system and road surface. Curb and gutter will be added.

Expected Year: 2018-2019

Total Cost: \$240,000

Funding Method: Revenue Bond

Pleasant Street Rehabilitation

Pleasant Street will be rebuilt from US-12 to Jefferson Street. The east and a portion of the west side of the road will see curb added. Storm sewer will be upgraded to increase capacity from US-12, which was removed from the US-12 Reconstruction.

Expected Year: 2018-2019

Total Cost: \$120,000

Funding Method: Revenue Bond, MDOT

Hawley Street Reconstruction

Hawley will be reconstructed from the end of a previous year's project to Brown Street. Storm sewer and curb will be added to the entire length.

Expected Year: 2023-2024

Total Cost: \$448,826

Funding Method: Operating Revenue and Bonds

West Jefferson Street Reconstruction

Coupled with the water main upgrades, West Jefferson is in need of a complete reconstruction. Storm sewer capacity needs to be reviewed and elevations changed to improve drainage at several areas.

Expected Year: 2018-2019

Total Cost: \$225,000

Funding Method: Grants, Operating Revenue, Bonds

Depot Street Reconstruction

Reconstruction of the road surface, to be coordinated with water main replacement and NE Block Redevelopment

Expected Year: 2020-2021

Total Cost: \$33,000

Funding Method: Grants, Bonds, and Operating Revenue

Brown Street Reconstruction

Reconstruction of the road from Orange to Liberty, including the addition of curb & gutter and storm sewer. Coordination with the Railroad to address rail crossing is necessary.

Expected Year: 2023-2024

Total Cost: \$165,324

Funding Method: Grants, Bonds, and Operating Revenue

Church/Park Reconstruction

Reconstruction of Church, from Cole to Park, including the addition of curb and gutter, to be coordinated with water main

replacement. Reconstruction of Park from Main to Church, including the addition of curb & gutter. Coordination with linear path.

Expected Year: 2020-2021

Total Cost: \$75,000

Funding Method: Grants, Act 51 Bonds, and Operating Revenue

Fulton Street Reconstruction

Reconstruction of the road, from Orange St to East Liberty St, including the addition of curb & gutter and storm sewer. To be coordinated with water main replacement.

Expected Year: 2018-2019

Total Cost: \$225,000

Funding Method: RD Loan

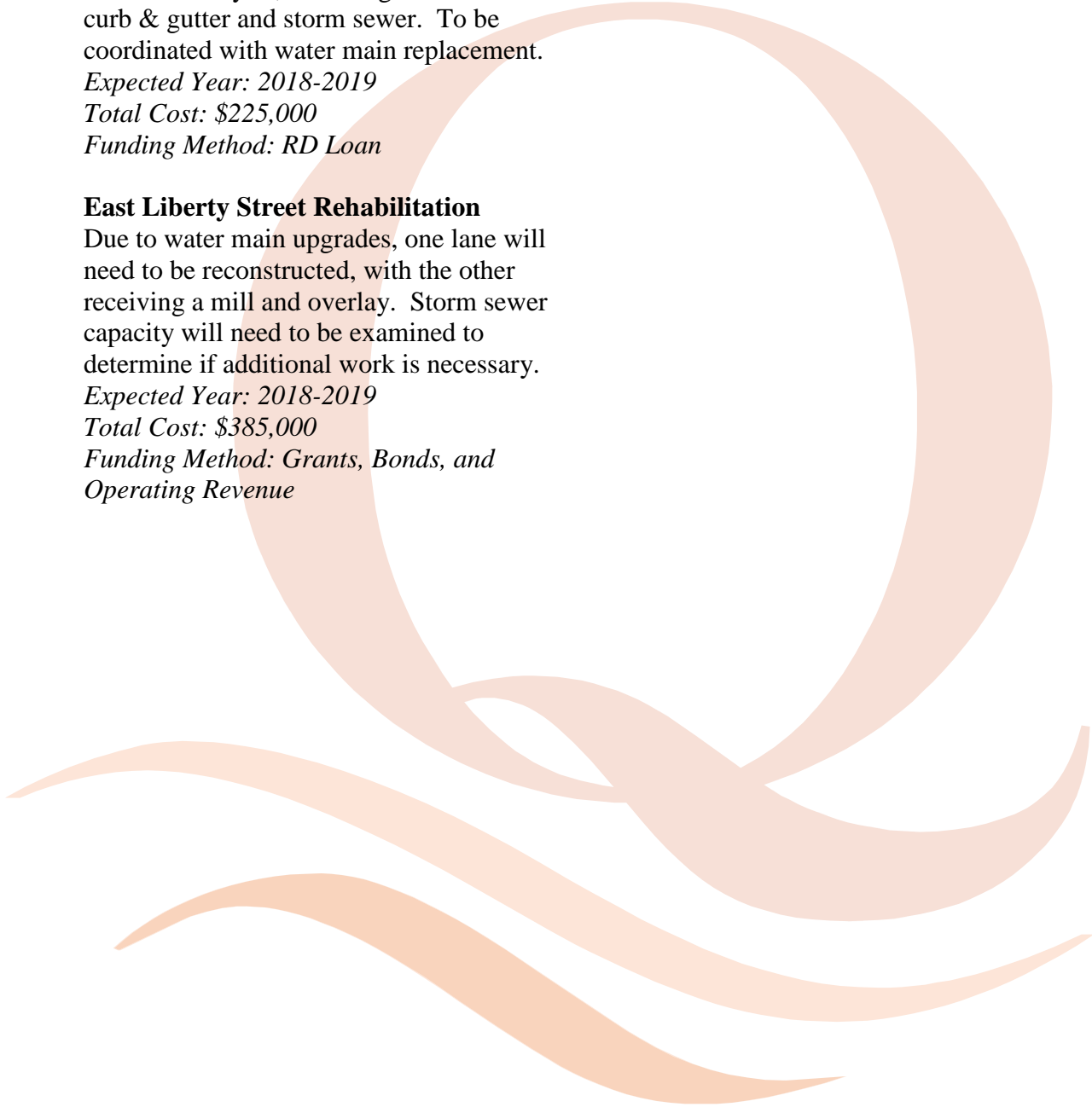
East Liberty Street Rehabilitation

Due to water main upgrades, one lane will need to be reconstructed, with the other receiving a mill and overlay. Storm sewer capacity will need to be examined to determine if additional work is necessary.

Expected Year: 2018-2019

Total Cost: \$385,000

Funding Method: Grants, Bonds, and Operating Revenue





2024-2039 Utility Capital Improvement Plan Project Descriptions

Hawley Street Main

Possible replacement of the 6” water main to an 8” or 12” main. Investigation in to condition of current main is required.

Expected Years: 2024-2029

Total Cost: \$265,000

Funding Method: Operating Revenue and Bonds

Funding Method: Grants, Bonds, and Operating Revenue

Bennett Street Main

Replacement of the existing 4” water main with an 8” main.

Expected Years: 2024-2029

Total Cost: \$108,500

Funding Method: Grants, Bonds, and Operating Revenue

Cemetery Loop

Extension of the water main from its current end-point in the cemetery to the existing main on Beckwith Drive. We would need an easement from the Township to complete this project.

Expected Year: 2034-2039

Total Cost: \$106,950

Funding Method: Grants, Bonds, and Operating Revenue

Bond Street Main

Replacement of the existing 4” water main with an 8” main.

Expected Years: 2024-2039

Total Cost: \$108,500

Funding Method: Grants, Bonds, and Operating Revenue

Grand Boulevard Loop

Extension of the water main from its end on Grand Boulevard to the existing water main on Lake Boulevard. We would need an easement from a neighboring property owner or would need to explore the existence of a proposed ROW that shows up on several maps.

Expected Year: 2034-2039

Total Cost: \$51,200

Funding Method: Grants, Bonds, and Operating Revenue

Pleasant Street Main

Replacement of the existing 4” water main with an 8” main. Project limits are Liberty and Jefferson Streets.

Expected Year: 2029-2034

Total Cost: \$190,000

Funding Method: Grants, Bonds, and Operating Revenue

County Park Loop

Extension of the 12” water main that is installed because of the USDA Sewer project to the existing water main at the rear of the Park.

Expected Year: 2034-2039

Total Cost: \$288,960

Funding Method: Grants, Bonds, and Operating Revenue

West Street Main

Replacement of the 4” water main with an 8” main. Project limits are US-12 and the Cemetery.

Expected Year: 2029-2034

Total Cost: \$107,865

West Liberty Street Main

Replacement of the existing 4” main from Berry to Beckwith.

Expected Year: 2024-2029

47 Cole St

Quincy

Michigan

49082

517.639.9065

www.Quincy-MI.org

Total Cost: \$288,960

Funding Method: Grants, Bonds, and Operating Revenue

North Main Street Main

Replacement of the existing 4" water main with an 8" main. This replacement was pulled from the 2013 road reconstruction

Expected Year: 2034-2039

Total Cost: \$354,400

Funding Method: Grants, Bonds, and Operating Revenue

Church Street Main

Replacement of the 4" water main with a 12" water main from Cole to Broughton Street.

Expected Year: 2029-2034

Total Cost: \$132,345

Funding Method: Grants, Bonds, and Operating Revenue

Gravel Pit Extension

Extension of a 12" water main to serve the proposed development around the gravel pit when it is retired.

Expected Year: 2034-2039

Total Cost: \$360,480

Funding Method: Grants, Bonds, and Operating Revenue

Quail Meadows Second Phase

Extension of water main to serve the undeveloped section of Quail Meadows. Would provide 15 additional lots for housing development.

Expected Year: 2024-2029

Total Cost: \$131,580

Funding Method: Grants, Bonds, and Operating Revenue

Additional Water Tower

Depending on system expansion, a new water tower may be needed on the east or west side of town.

Expected Year: 2034-2039

Total Cost: \$1,000,000

Funding Method: Grants, Bonds, and Operating Revenue

East Chicago Street Main

Replacement of the existing 4" water main with a 12" main from the area of Depot Street to Grove Street.

Expected Year: 2034-2039

Total Cost: \$276,800

Funding Method: Grants, Bonds, and Operating Revenue

Maiden Lane Main

Replacement of the existing 4" water main with at least an 8" main. Additional work may be need in upgrading the connections with Main and Church Streets.

Expected Year: 2024-2029

Total Cost: \$34,425

Funding Method: Grants, Bonds, and Operating Revenue

Cole Street Loop

Extension of at least a 12" water main from the end on Cole Street along the proposed Industrial Park Access Road, which connects to US-12.

Expected Year: 2034-2039

Total Cost: \$310,000

Funding Method: Grants, Bonds, and Operating Revenue

Recreation Facility Main

Extension of a water main to serve the proposed Rotary Recreational Facility. Actual cost will depend on the final design and location of the site.

Expected Year: 2024-2029

Total Cost: \$200,000

Funding Method: Grants, Bonds, and Operating Revenue

Water Meters

Replacement of residential water meters will need to start soon as they are starting to get

near the end of their expected life span. We have prioritized replacement of the larger commercial meters in the past five years.

Expected Year: 2024-2039

Total Cost: \$150,000

Funding Method: Grants, Bonds, and Operating Revenue

Radio Unit Replacement

The existing radio read units started installation ten years ago. With a 20-year expected life span, we will need to start replacement around 2022.

Expected Year: 2024-2039

Total Cost: \$150,000

Funding Method: Bonds, Lease/Purchase, and Operating Revenue

Treatment Plant Expansion

Depending on the amount of growth over the next two decades, an expansion of the water plan may be necessary. Our current demand of 0.2 MGD is well short of the capacity of 0.8 MGD.

Expected Year: 2034-2039

Total Cost: \$750,000

Funding Method: Grants, Bonds, and Operating Revenue

VFD Installation at Each Well

Variable Frequency Drives at the water plant will allow the wells to operate more efficiently and will save on the amount of electricity.

Expected Years: 2029-2039

Total Cost: \$60,000

Funding Method: Bonds, Lease/Purchase, and Operating Revenue

Fence Well Site

A fence around the entire Glenn Avenue site would be added to provide security for our sole water source.

Expected Years: 2024-2029

Total Cost: \$40,000

Funding Method: Operating Revenue

Media Replacement at Water Plant

The media (sand) in the filters at the water plant have been in place since its construction in 1997. It is still providing the necessary filtration and replacement is not necessary, but may need to be completed over the term of the CIP.

Expected Years: 2034-2039

Total Cost: \$60,000

Funding Method: Grants, Donations, Operating Revenue

New Wells and Piping to Water Treatment Plant

The installation of a new well and piping back to the water treatment plant are identified as probable in the next decade. The actual cost will be dictated by the distance of the new well site to the water plant.

Expected Years: 2024-2029

Total Cost: \$600,000

Funding Method: Grants, Bonds, and Operating Revenue

Sewer Main Repairs

Point repairs, lining projects, replacement of sections, and manhole replacements as outlined by the Asset Management plan.

Expected Years: 2024-2039

Total Cost: \$210,000 minimum

Funding Method: Bonds, CDBG, and Operating Revenue

North Main Street Lift Station

Complete replacement of the lift station located in the Village Park. Standardization to new station model to continue on this project.

Expected Years: 2024-2029

Total Cost: \$250,000

Funding Method: Bonds, CDBG, and Operating Revenue

Pleasant Street Lift Station

Complete replacement of the lift station.
Standardization to new station model to
continue on this project.

Expected Years: 2024-2029

Total Cost: \$60,000

*Funding Method: Bonds, CDBG, and
Operating Revenue*

Cole Street Lift Station

Replacement of the electrical panel and the
addition of a transducer to better control the
station.

Expected Years: 2029-2039

Total Cost: \$60,000

*Funding Method: Bonds, CDBG, and
Operating Revenue*

