

Village of Clinton Utility Capital Program

2013-2020

Approved by Village Board July 16, 2013

<u>Year</u>	<u>Project Description</u>	<u>Total Amount</u>	<u>Funding Sources</u>
2013	<p>Annual sewer maintenance projects</p> <p>For 2013, \$38,000 was budgeted. 2013 projects include:</p> <ul style="list-style-type: none"> a. Repair/repaint lift station #2 - \$12,650 b. GIS system upgrade to include additional data, reporting options, and connection to sewer videos -\$10,000. c. Software upgrade for administration-\$5,000 d. Miscellaneous repairs as needed - \$10,350 	\$ 38,000	Sewer Utility Budget
2013	<p>WWTP repairs/upgrade</p> <ul style="list-style-type: none"> a. VFD for blower motors - install controller and wiring to allow existing VFD to be used with all blower motors which will allow cycling to extend motor life - \$3,500. b. SCADA System software/hardware upgrade to Windows 7 – 64 bit. Current XP software will no longer be supported after summer 2013-\$10,000. 	\$ 13,500	Equipment Replacement Fund (see attachment with explanation of uses of fund)

2014-2020	<p>Annual Sewer Maintenance Projects Each year \$40,000 would be budgeted.</p> <p>a. Each year \$25,000 would be used to clean and televise the sewer system. Over 7 years all 62,583 LF would be completed. The information is critical to evaluate the system and plan future system repair/replacement projects. Resulting video and data would be linked to GIS system. \$18,000 of the \$25,000 would be used to purchase smoke testing and flow monitoring equipment to identify infiltration/inflow issues.</p> <p>b. Each year \$15,000 would be used for system maintenance</p>	\$ 280,000	Sewer Utility Budget
2014-2020	<p>Vehicle Replacement Fund Each year \$14,000 in the Sewer Fund and \$7,000 in the Water Fund would be budgeted. The Sewer Fund would be used to replace the 1987 sewer jetter at a cost of \$40,000 . Each Fund would pay 1/3 of the cost of \$75,000 to replace the 1986 backhoe and the cost of \$30,000 to replace the 1997 1 ton utility truck. Excess funds generated over the seven year period (sewer - \$23,000 and water - \$ 14,000) would be used for other equipment as needed.</p>	\$ 147,000	Sewer Utility Budget - \$ 98,000 Water Utility Budget - \$ 49,000
2014-2020	<p>Annual Water Maintenance Projects Each year \$20,000 would be budgeted for repair projects as needed. In 2013, \$15,000 was budgeted.</p>	\$ 140,000	Water Utility Budget

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2014	Water facility maintenance projects	\$ 128,900	Water Utility – State Trust Fund Note Issue
	a. Water tower -clean and repair both the interior and exterior of the 1970 water tower. Update the interior ladder safety system. Install handrails and ensure antennas are mounted securely - \$53,000.		
	b. Rehabilitation of Well #3 – New piping and electrical. Evaluate/rebuild well pump - \$44,275		
	c. Rehabilitation of well #4 – Install controller to allow well pump motor to run more efficiently and reduce water hammer when pump starts - \$31,625		
2014	Replacement of sewer lift station # 1 The station was installed in 1972. The project addresses structural problems and the undersized wet well. Upgrade wiring to control building.	\$ 253,000	Sewer Utility - State Trust Fund Note Issue
2016	Water Tower Sand blast and paint both interior and exterior.	\$ 200,000	Water Utility Note Issue
2017	High Street from East Street to Burr Street (750 lf) Replace 6” cast iron water main that had multiple breaks and is directly under the storm sewer pipe. Repair/replace sanitary sewer. Address storm water issues and resurface street.	\$ 397,330	Note Issue Water - \$ 114,361 Sewer - \$ 101,232 General - \$ 181,737
2017	Milwaukee Road from Mill Street to Burr Street (750 lf) Install 12” water main and replace hydrants to help complete loop from Mill Street to High School. Repair sanitary sewer.	\$ 320,696	Note Issue Water - \$ 167,834 Sewer - \$ 36,938 General - \$ 115,924
2017	Burr Street from Milwaukee Road to termini (670 lf.) Install 12” water main and replace hydrants to complete loop to High school. Repair sanitary sewer. Address storm water issues and resurface street.	\$ 347,641	Note Issue Water - \$ 131,181 Sewer - \$ 48,133 General - \$ 168,327

2020	Railroad corridor – Front and Allen Streets to Highway 140 (750lf) Replace 10” cast iron main with 12” PVC to increase pressure and resurface street. Grade change should address rust issues at Country Pride Meats.	\$ 272,848	Note Issue Water - \$ 126,089 General - \$ 146,759
2020	West Side park water main extension from Cougar Lane to High Street (2250 lf). Install 12 “water main and hydrants to increase pressure and flow around west side of Village. Address storm water issues and resurface streets.	\$ 407,760	Note Issue Water - \$ 286,080 General - \$ 121,680
2020	Westview Avenue from Milwaukee Road to High Street (1600 lf) Replace brittle 6” cast iron water main that is run on/in solid limestone. Repair/replace sanitary sewer and resurface street	\$ 922,015	Note issue Water - \$ 307,016 Sewer - \$ 303,303 General \$ 311,696

Financing and Project Strategy

1. Projects to be funded by note issues were timed to fit existing debt service schedules so as to avoid additional utility rate increases and meet the General Fund goal of not exceeding 50% of the Village’s debt limit. Issues would be timed so that they are sold in the latter part of the project year so that the initial debt service payments would be in the next year. The 2014 note issue would be for 20 years and use the State Trust Fund as a source. The 2017 note issue length and type would be determined at that time.
 - a. Existing Water debt service of \$112,142 in 2013 drops to between \$9,193 and \$ 11,664 for the years 2017 thru 2028.
 - b. Existing Sewer debt service of \$369,824 in 2013 drops to \$33,266 annually for 2021 thru 2036.
2. The current Sewer rate study will address the funding for sewer maintenance projects and the vehicle replacement fund.
3. To address annual Water financial needs a rate study should be conducted in 2015.
4. The results of the televising/ testing may provide information that results in changing priorities and projects.

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