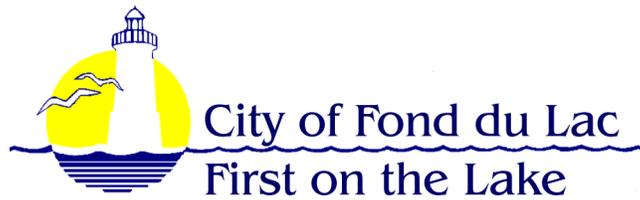
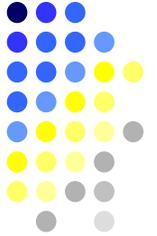


CAPITAL IMPROVEMENT PLAN



2017 - 2021

**CITY OF FOND DU LAC
CAPITAL IMPROVEMENT PLAN
2017-2021**

TABLE OF CONTENTS

City Manager Introduction	1
Summary of Capital Projects and Funding Sources - 2017-2021	6
Capital Projects Summary Overview - 2017-2021	7
Summary of Projects Funded by General Operations - 2017-2021	11
Summary of Projects Funded by General Obligation Debt - 2017-2021.....	13
Summary of Projects Funded by Other Sources - 2017-2021	15
Capital Improvement Plan Appendices	
Appendix A – General Obligation Debt Balances	16
Appendix B – General Obligation Debt Payments	17
Appendix C – Projected Property Tax Rates	18
Appendix D – Debt Chart	19
Appendix E - Water Utility Debt Balance.....	20
Appendix F - Wastewater Utility Debt Balance	21
Appendix G – Projects Beyond 2021	22

CITY OF FOND DU LAC - Memorandum

City Manager

To: City Council
From: Joseph P. Moore, City Manager
Date: August 24, 2016 (*updated 9/22/16*)
Subject: 2017-2021 Capital Improvement Plan

Introduction

With this memo is your copy of the proposed 2017-2021 Capital Improvement Plan (CIP). A Capital Improvement Plan is a statement of intent by City officials to establish a multi-year program for major capital expenditures and the financial resources necessary to accomplish the plan. A Capital Improvement Plan is a flexible planning tool designed to be altered annually as conditions warrant.

A multi-year capital improvement plan provides a long-range viewpoint for the community to identify needed projects and expenditures, selects those projects deemed most important in comparison to all others (priorities), determines when such projects should occur and anticipates the impact such expenditures will have on the community and its financial condition.

Some of the benefits of developing a long-range capital improvement plan are that it:

1. Provides a stable tax rate which allows taxpayers and the city government to plan more effectively;
2. Provides adequate time to plan and coordinate construction projects and eliminate costly duplication of efforts;
3. Provides adequate time to search for alternate methods of financing, including debt issues and grants-in-aid;
4. Provides time to acquire land and right-of-way where needed;
5. Allows time for communication and public input regarding future project plans for the community;
6. Reduces spur-of-the-moment decisions; and
7. Assists in planning efforts of other public utilities, agencies, and businesses.

The City defines capital expenditures as projects which cost more than \$25,000 and have a life expectancy of more than six years. Projects are evaluated and priorities are assigned based upon demand or usage, prior commitments, age and condition of facilities and equipment, and costs versus benefits. Priorities are subject to change as conditions warrant.

This plan does not authorize any expenditure, but does provide a plan of capital expenditures for the development of each year's budget.

Capital Financing Philosophies and Debt Levels

There are two major philosophies used in the financing of long-term capital projects: the "pay-as-you-go" and the "pay-as-you-use" philosophies.

The "pay-as-you-go" philosophy is based upon financing capital projects with current revenues and property tax levies or accumulated resources. Under this financing method the community can save on interest costs by avoiding debt issues.

The "pay-as-you-use" philosophy is based upon debt financing of capital improvements. Under this philosophy, those citizens paying for the projects use them while they are paying for them. An example would be a major street construction project which is financed by issuing debt. The citizens who use the street in the future pay the property taxes needed to repay the debt.

2017-2021 Capital Projects Overview

Total capital projects for all funds vary by year and range from a low of \$12,589,500 in 2020 to a high of \$24,459,600 in 2021. Details of the individual projects, their timing as well as the funding sources for the projects are listed on the projects detail pages for each department by year. The total proposed 2017 capital projects equal \$21,054,815. Some of the more significant 2017 projects include:

- Fox Ridge Industrial Park Road - \$1,750,000
- CTH "VV" (Pioneer Rd.) Military to Hickory - \$6,040,000 cost to be shared by DOT, County and City
- Other street improvement projects - \$1,777,000
- Wastewater Utility sidestream and mainstream ammonia removal project - \$1,950,000
- Wastewater Utility annual clear water elimination program - \$1,900,000
- Water Utility annual main replacement program - \$1,490,100
- Water Utility northeast booster station-chlorine building - \$300,000
- Storm water improvement projects - \$1,184,000
- Fire Department self-contained breathing apparatus - \$375,000
- Ambulance replacement - \$250,000
- Annual Police squad replacement program - \$291,000
- Public Works annual capital equipment replacements - \$980,000

Although the 2017-2021 original proposed CIP included a Public Safety Training Facility to provide for police, fire and paramedic training, it was removed due to uncertainties regarding cost, scope, design and location. Although it has been removed, conversations between the City Council, the Police and Fire Chiefs and other City staff established a general agreement that there is an unmet need for local public safety training facilities requiring the eventual creation of

public safety training capability. While the proposed plan envisioned a campus-like development sited on a single, previously undeveloped parcel, the cost to develop the site and to construct the facilities exceeded our capacity to fund it. Going forward, staff will continue to develop another proposal for either an out-of-cycle consideration mid-2017 by the City Council or for inclusion in the next CIP in order to facilitate the earliest possible start and completion dates. To that end, we will endeavor to revise the scope, design and cost to better align with our funding capabilities. Staff will also endeavor to gauge private sector interest in partnering in this project in whatever way makes the most sense to minimize costs to taxpayers.

2017 Projects Funded by General Operating Funds

This 5-year plan continues to invest a significant amount of general operating revenues rather than long-term debt on CIP projects. These revenues include items included in the general fund operating budget, items levied for directly in the capital project funds and items for which the capital projects funds receives operating transfers from other funds. This funding amount is \$2,884,700 for 2017 and will average \$3 million each year of this 5-year CIP. The level of budgeted operating expenditures and the amount of available general fund balance allow for the additional pay-as-you-go financing of capital projects.

A review of the projects funded by operations will show that they are either maintenance-type expenditures or annually recurring projects where the City spends similar amounts on these types of projects every year. It is good financial practice to fund such projects on a “pay-as-you-go” basis with operating funds, if possible, rather than funding these projects with long-term debt. The changes made in the last few years’ CIPs return the City to its former, more financially sound, practice of funding its annually recurring projects on a pay-as-you-go basis.

Another benefit of funding the annually recurring projects with operating funds rather than long-term debt is that the amount of money the City borrows in future years is reduced. Not only will the City have a lower amount of outstanding debt in future years, but its future debt payments and property tax levies required to pay debt principal and interest will be lower than they otherwise would have been if the City continued its practice of borrowing for its annually recurring capital projects.

A detailed schedule listing the projects funded by operations is included in this report.

2017 TID #10 Improvements

The 2017 project total includes \$1,750,000 to build a second access road in Tax Increment District (TID) Number 10 (Fox Ridge South Business Park). This TID project will be funded with general obligation debt which will be repaid by future tax increment revenue resulting from the new development in the TID. No general taxpayer money is used to fund TID projects or to repay TID debt.

2017 Projects Funded by Long-Term Debt

The total amount of 2017 projects to be funded by general obligation (G.O.) long-term debt, excluding the TID #10 project, is \$4,651,942. A detailed schedule listing the projects funded by general obligation long-term debt is included in this report.

2017 Capital Grant Funding

State and federal grants are estimated at \$4,475,358 for 2017. The DOT cost share for the Pioneer Rd. CTH “VV” is \$4,426,558. The remaining \$48,800 is anticipated federal capital grants for Transit equipment.

2017 Ambulance Equipment and Replacements

An ambulance is budgeted to be replaced every other year. The replacement of an ambulance costing \$250,000 is funded by a portion of the ambulance user fees (ambulance bills) which are set aside for ambulance and ambulance equipment replacements.

Repayment Term for New G.O. Debt

The G.O. debt that the City issues to fund general capital projects in 2017 will be issued for a term of 10 years. In 2014 the City implemented a policy that returned the pre-2007 10-year term from 20-year terms. This fiscally sound debt management practice results in a close matching of debt repayment terms with the useful lives of the assets acquired with the debt.

Decreasing G.O. Debt Balances

Appendix A is a projection of the outstanding G.O. debt balances through 2021. Existing debt, new debt and total debt balances are indicated on the chart. The projections indicate that even with the new debt issued for the capital projects contained in the 2017-2021 CIP, the G.O. debt balance will decrease every year. The G.O. debt balance is projected to drop 13% from \$76,675,000 at the end of 2016 to \$66,581,542 at the end of 2021.

Consistent with past City Council policy, 60% of the State legal debt limit is used as the limiting goal in developing future capital expenditure plans. The State legal debt limit is 5% of the equalized valuation of taxable property. As shown in Appendix D, the City’s projected debt levels are at 57% in 2017, and projected to drop to 44% by 2021.

Increasing G.O. Debt Payments

Appendix B is a projection of G.O. debt payments through 2021. Existing debt, new debt and total debt payments are indicated on the chart. Total G.O. debt payments are projected to increase each year over the next five years by a total of \$2,760,000.

Increasing Property Tax Levy

A major consideration in developing the Capital Improvement Plan is the impact the proposed projects will have on future property tax rates. The City’s property tax levy is subject to strict State-imposed levy limits. Under the levy limit, the City’s property tax levy is allowed to increase by no more than the growth in property value due to net new construction, which is 1.78% for 2017. The levy limit is further allowed to increase by the amount of increases in general obligation debt principal and interest payments.

The property tax rate projections indicated in Appendix C show that scheduled increasing debt payments will require increases in the portion of the property tax levy needed for debt service, and the total property tax levy over the next several years. The chart further indicates that the portion of the property tax for operating costs is virtually unchanged over the next several years.

The increases in the tax rates are due almost entirely to required increases in the debt payment portion of the tax levy.

2017 Utility Projects

The 2017 CIP includes \$4,080,000 in Wastewater Utility projects and \$2,595,615 in Water Utility projects. All of the Water Utility projects and \$2,130,000 of the Wastewater Utility projects are funded by utility operating funds. The Wastewater Utility \$1,950,000 sidestream and mainstream ammonia removal project will be funded by debt. No general taxpayer money is used to support utility operations, utility capital projects or utility debt payments.

Declining Utility Debt Balances

Appendix E indicates that the Water Utility debt balances drop rapidly from \$43,428,665 in 2016 to \$25,914,574 by 2021. Appendix F indicates that the net debt balances for the Wastewater Utility drop from \$33,802,116 in 2016 to \$30,806,229 by 2021.

Future Capital Projects

Appendix G contains a list of the larger known future capital projects that are beyond the five-year time frame of the 2017-2021 capital improvement plan.

Capital Improvement Plan Workshop

A City Council Committee of the Whole workshop on the proposed 2017 Budget and proposed 2017-2021 CIP will held on Wednesday, September 21, 2016. This workshop will provide the City Council with the opportunity to ask questions regarding the proposed projects and to make any modifications to the plan as deemed appropriate.

Joseph P. Moore
City Manager

City of Fond du Lac

Summary of Capital
Projects and Funding Sources

2017 – 2021

**City of Fond du Lac
Summary of Capital Projects
and Funding Sources
For the Years 2017 through 2021**

	2017	2018	2019	2020	2021
Funding Sources:					
General Operations	\$ 1,175,700	\$ 1,238,475	\$ 1,660,880	\$ 945,000	\$ 998,000
Tax Levy	1,404,000	1,511,000	1,466,650	1,398,500	1,422,350
Transit Operations					
Utility Operations	4,725,615	4,798,300	4,961,000	3,826,000	4,313,250
G.O. Debt-General Projects	4,651,942	4,040,000	6,048,600	2,082,000	6,234,000
G.O. Debt-TIF Projects	1,750,000	-	-	-	-
Available Capital Fund Balances	617,200	2,268,600	4,214,000	326,400	750,400
Utility Revenue Debt:					
Wastewater Treatment System	1,950,000	1,950,000	1,000,000	2,750,000	8,825,000
Water	-	-	-	-	-
Federal/State Grants					
Governmental Funds	4,475,358	274,400	2,624,400	706,600	2,561,600
Transfers from Other Funds:					
Special Revenue Funds	-	160,000	-	-	-
General Fund	305,000	340,000	310,000	355,000	355,000
Utilities	-	-	-	200,000	-
Intergovernmental Revenues	-	-	-	-	-
Donations	-	-	-	-	-
Total Funding Sources	\$ 21,054,815	\$ 16,580,775	\$ 22,285,530	\$ 12,589,500	\$ 25,459,600
Proposed Capital Projects:					
General Government	\$ 535,000	\$ -	\$ 155,000	\$ 200,000	\$ -
Community Development	1,910,000	420,000	370,000	280,000	265,000
Library	145,000	425,000	75,000	50,000	60,000
Public Safety Training Center	-	-	-	-	-
Police	565,500	407,000	847,000	377,000	390,000
Fire	525,000	795,000	461,000	625,000	449,000
Rescue	250,000	150,000	336,000	70,000	270,000
Public Works:					
Engineering & GIS	-	-	75,000	-	-
Streets	7,817,000	4,242,250	6,498,550	1,624,500	4,961,300
Storm Water	1,184,000	1,262,750	1,146,100	622,000	2,749,050
Parks	189,000	695,000	3,755,000	230,000	1,300,000
Municipal Service Center	217,700	372,475	400,880	417,000	-
Capital Equipment	980,000	730,000	940,000	635,000	975,000
Harbor & Boating Facilities	-	160,000	-	-	-
Wastewater Treatment System	4,080,000	4,085,000	3,130,000	4,900,000	11,475,000
Water Utility	2,595,615	2,663,300	2,831,000	1,676,000	1,663,250
Transit System	61,000	173,000	1,265,000	883,000	902,000
Total Capital Projects	\$ 21,054,815	\$ 16,580,775	\$ 22,285,530	\$ 12,589,500	\$ 25,459,600

City of Fond du Lac

Capital Projects Summary Overview

2017 - 2021

**CITY OF FOND DU LAC
CAPITAL PROJECTS DETAIL OVERVIEW
FOR THE YEARS 2017 THROUGH 2021**

	2017	2018	2019	2020	2021
Information Technology Services					
Fiber-Department of Public Works Campus (North)	60,000	-	-	-	-
Joint Fiber Build with County	100,000	-	-	-	-
Network Threat Management Software	125,000	-	-	-	-
UPS Upgrade & Replacement-Police Department	50,000	-	-	-	-
Phase 3 - Community/Business Licensing Software	200,000	-	-	-	-
Phase 4 - Water/Sewer Billing Software	-	-	-	200,000	-
Storage Area Network Upgrades	-	-	80,000	-	-
Back-Up Devices	-	-	75,000	-	-
Total General Government	\$ 535,000	\$ -	\$ 155,000	\$ 200,000	\$ -
Community Development					
Military Road Railroad Crossing	\$ -	\$ 150,000	\$ -	\$ -	\$ -
Macy Parking Ramp - Repairs	80,000	170,000	370,000	280,000	265,000
Lot 3 - Rebuild	45,000	-	-	-	-
Bike Sharing Program	-	100,000	-	-	-
Downtown Trash Receptacles	35,000	-	-	-	-
Fox Ridge Industrial Park Road	1,750,000	-	-	-	-
Total Community Development	\$ 1,910,000	\$ 420,000	\$ 370,000	\$ 280,000	\$ 265,000
Library					
Carpeting & Flooring Replacement	\$ 110,000	\$ 125,000	\$ -	\$ -	\$ -
Elevator Replacement	-	300,000	-	-	-
Book Drops	35,000	-	-	-	-
Security Camera and Hardware	-	-	75,000	-	-
Bathrooms Upgraded	-	-	-	50,000	-
Furniture Replacement-Public Areas	-	-	-	-	60,000
Total Library	\$ 145,000	\$ 425,000	\$ 75,000	\$ 50,000	\$ 60,000
Police Department					
Squad Replacement Program	\$ 291,000	\$ 245,000	\$ 280,000	\$ 250,000	\$ 280,000
Portable Radio Replacement	87,000	87,000	87,000	87,000	-
SWAT Armor Replacement	66,000	-	-	-	-
Sworn Active Shooter Armor Replacement	60,000	-	-	-	-
Rifle Replacements and Upgrades	61,500	-	-	-	-
Building Hardscape Improvements	-	40,000	-	-	-
Boiler Replacements	-	35,000	-	-	-
Body Worn Cameras	-	-	435,000	-	-
Facility Lighting Replacement	-	-	45,000	-	-
Building Exterior Maintenance	-	-	-	40,000	-
Squad Video Camera Replacement	-	-	-	-	110,000
Total Police Department	\$ 565,500	\$ 407,000	\$ 847,000	\$ 377,000	\$ 390,000
Fire Department					
Replace Mobile Data Computers	\$ -	\$ -	\$ 38,000	\$ -	\$ -
Opticom System-Various Intersections	150,000	150,000	150,000	-	-
Emergency Generator-Station #1	-	-	85,000	-	-
Replace Self-Contained Breathing Apparatus	375,000	-	-	-	-
HVAC-Station 1	-	80,000	-	-	-
Replace Thermal Imaging Camers	-	65,000	-	-	-
Radio Replacement-Portables	-	500,000	-	-	-
Radio Replacement-Mobiles	-	-	93,000	-	-
Replace Overhead Garage Doors-Sta 1 & 2	-	-	95,000	-	-
Engine Replacement	-	-	-	625,000	-
Fire Station 1 Infrastructure Improvements	-	-	-	-	97,000
Fire Station 1 Addition to Tradition Room	-	-	-	-	252,000
New Fire Station Land Purchase	-	-	-	-	100,000
Total Fire Department	\$ 525,000	\$ 795,000	\$ 461,000	\$ 625,000	\$ 449,000

**CITY OF FOND DU LAC
CAPITAL PROJECTS DETAIL OVERVIEW
FOR THE YEARS 2017 THROUGH 2021**

	2017	2018	2019	2020	2021
Rescue					
Ambulance Replacements	\$ 250,000	\$ -	\$ 260,000	\$ -	\$ 270,000
Laptop Replacements	-	-	38,000	-	-
Mobile Data Computer Replacements	-	-	38,000	-	-
Ambulance Cot Replacements	-	-	-	70,000	-
Heart Monitor Replacements	-	150,000	-	-	-
Total Rescue	\$ 250,000	\$ 150,000	\$ 336,000	\$ 70,000	\$ 270,000
Public Works-Engineering & GIS					
Aerial Orthophotos, Oblique, LiDAR	\$ -	\$ -	\$ 75,000	\$ -	\$ -
Total GIS	\$ -	\$ -	\$ 75,000	\$ -	\$ -
Public Works-Streets					
Street Maintenance	\$ 200,000	\$ 205,000	\$ 205,000	\$ 210,000	\$ 210,000
Bridge Rehabilitation	280,000	290,000	290,000	300,000	300,000
Street Reconstruction	220,000	250,000	220,000	260,000	260,000
Street Restoration-Utility Repair	627,000	492,250	528,550	489,500	476,300
Sidewalk Program-City	85,000	90,000	90,000	95,000	95,000
Sidewalk Program-Private	265,000	265,000	265,000	270,000	270,000
Arndt Street Bridge Replacement (DOT Cost Share)	100,000	-	2,050,000	-	-
CTH "VV" (Pioneer Rd.) Military to Hickory - DOT	6,040,000	-	-	-	-
Main St Reconstruction - Merrill to Johnson	-	1,600,000	-	-	-
S Main St - Pavement Maintenance	-	800,000	-	-	-
CTH "V" Pioneer Rd to FDL Ave - County	-	250,000	-	-	-
Fond du Lac Ave. - National Ave. to 9th St.	-	-	2,850,000	-	-
Country Lane Bridge	-	-	-	-	825,000
Military Rd. - Hickory to Western - DOT STP Urban	-	-	-	-	2,000,000
W. Scott St & Van Dyne Rd Reconstruction	-	-	-	-	275,000
Johnson Right Turns - National, Prairie, Country Lane	-	-	-	-	250,000
Total Streets	\$ 7,817,000	\$ 4,242,250	\$ 6,498,550	\$ 1,624,500	\$ 4,961,300
Public Works-Storm Water					
Storm Water Pump & Motor Replacement	\$ 350,000	\$ -	\$ 350,000	\$ -	\$ 350,000
Stormwater Control Upgrades	50,000	50,000	50,000	50,000	50,000
Neighborhood Drainage Program - Private	22,000	22,000	24,000	24,000	24,000
Neighborhood Drainage Program - Public	22,000	22,000	24,000	24,000	24,000
Storm Sewer Replacement - Utility Repair	342,000	288,750	298,100	274,000	271,050
Standby Generators for Storm Pump Stations	263,500	-	-	-	-
TMDL Storm Water Plan	134,500	-	-	-	-
Armor Drainage Way Banks	-	250,000	-	250,000	-
Main St. Reconstruction - Merrill to Johnson	-	200,000	-	-	-
Merrill Pump Station Forcemain Upgrade	-	350,000	-	-	-
S Main St - Pavement Maintenance Storm Repair	-	80,000	-	-	-
Fond du Lac Ave. - National Ave. to 9th St.	-	-	400,000	-	-
Military Rd. - Hickory to Western	-	-	-	-	430,000
Lincoln & Thomas Pump Station Upgrade	-	-	-	-	1,600,000
Total Storm Sewers	\$ 1,184,000	\$ 1,262,750	\$ 1,146,100	\$ 622,000	\$ 2,749,050

**CITY OF FOND DU LAC
CAPITAL PROJECTS DETAIL OVERVIEW
FOR THE YEARS 2017 THROUGH 2021**

	2017	2018	2019	2020	2021
Public Works-Parks					
Shelter Renovations-LSP	\$ 35,000	\$ -	\$ -	\$ -	\$ -
LSP Playground Restroom Renovation	60,000	-	-	-	-
Cold Storage Shed & Greenhouse-LSP	94,000	-	-	-	-
New Pavilion	-	-	3,600,000	-	-
Taylor Park Restroom Renovation	-	50,000	-	-	-
Allen Street Bridge Replacement	-	90,000	-	-	-
James Megellas "Maggie" Park Development	-	320,000	-	-	-
Outlying Park Shelter Renovation	-	35,000	-	-	-
Buttermilk Park Restroom Renovation	-	-	50,000	-	-
Butzen Park Playground Equipment & Surface	-	-	55,000	-	-
Buttermilk & Franklin Parks Basketball Courts	-	-	50,000	-	-
Lakeside Park Splash Pad	-	200,000	-	-	-
Cardinal Park Development	-	-	-	160,000	-
Denevue Park Restroom Renovation	-	-	-	70,000	-
Bridge from LSP to LSP West	-	-	-	-	1,300,000
Total Parks	\$ 189,000	\$ 695,000	\$ 3,755,000	\$ 230,000	\$ 1,300,000
Public Works-Municipal Service Center					
Emergency Siren Replacements	\$ 52,500	\$ 55,125	\$ 57,880	\$ -	\$ -
Asphalt Repair-MSc	45,200	17,350	-	-	-
Vehicle Wash Replacement	120,000	-	-	-	-
Fabrication Shop	-	300,000	-	-	-
Roof Replacement - MSC	-	-	343,000	417,000	-
Total Municipal Service Center	\$ 217,700	\$ 372,475	\$ 400,880	\$ 417,000	\$ -
Public Works-Capital Equipment					
Fleet	\$ 480,000	\$ 575,000	\$ 510,000	\$ 575,000	\$ 510,000
Parks	130,000	120,000	95,000	60,000	130,000
Sanitation	300,000	-	300,000	-	300,000
Engineering	70,000	35,000	35,000	-	35,000
Total Capital Equipment	\$ 980,000	\$ 730,000	\$ 940,000	\$ 635,000	\$ 975,000
Harbor & Boating Facilities Improvements					
Lakeside Park West Restroom ADA	\$ -	\$ 110,000	\$ -	\$ -	\$ -
Lakeside Park West Fish Cleaning Station	-	50,000	-	-	-
Total Harbor & Boating Facilities	\$ -	\$ 160,000	\$ -	\$ -	\$ -
Wastewater Treatment System					
Capital Equipment Replacement	\$ 95,000	\$ 55,000	\$ 30,000	\$ 50,000	\$ -
Sanitary Flow Meter Replacement	-	50,000	50,000	-	50,000
Excess Flow Clarifier Floor Rehabilitation	-	-	-	-	-
Annual Clearwater Elimination	1,900,000	2,000,000	2,000,000	2,100,000	2,100,000
CTH VV - Pioneer Road Sanitary Relay	25,000	-	-	-	-
Pioneer Road Lift Station Rehab & Generator	110,000	-	-	-	-
STH 23 East - DOT Reconstruction-Sanitary	-	-	25,000	-	-
Arndt Street Bridge Sanitary Replacement	-	-	25,000	-	-
Main Street Reconstruction - Merrill to Johnson	-	30,000	-	-	-
Military Road - Hickory to Western-DOT STP Urban	-	-	-	-	500,000
West Scott Street Sanitary Sewer Relay	-	-	-	-	825,000
Sidestream & Mainstream Ammonia Removal	1,950,000	1,950,000	-	-	-
Modifications for Phosphorus Removal	-	-	1,000,000	-	-
Sidestream Phosphorus Removal/Harvesting	-	-	-	2,750,000	-
Tertiary Filtration for Phosphorus Removal	-	-	-	-	8,000,000
Total WCTS	\$ 4,080,000	\$ 4,085,000	\$ 3,130,000	\$ 4,900,000	\$ 11,475,000

**CITY OF FOND DU LAC
CAPITAL PROJECTS DETAIL OVERVIEW
FOR THE YEARS 2017 THROUGH 2021**

	2017	2018	2019	2020	2021
Water Utility					
Capital Equipment Replacement	\$ 130,000	\$ 160,000	\$ 175,000	\$ 90,000	\$ 98,000
Annual Water Meter Additions & Replacements	125,000	125,000	130,000	130,000	135,000
4-inch Main Replacement-City Wide	175,000	175,000	175,000	175,000	175,000
Well Renovation & Pump Work	280,000	280,000	280,000	280,000	280,000
New Development Mains & Laterals	-	-	-	-	-
Annual Main Replacement Program	1,490,100	1,155,800	1,131,000	1,001,000	975,250
Northeast Booster Station - Chlorine Building	300,000	-	-	-	-
Arndt Street Bridge - Watermain Boring	-	67,500	-	-	-
Water Operations Building Addition	-	700,000	-	-	-
Pioneer Road - Military to Southwest	95,515	-	-	-	-
STH 23 E Johnson at CTH K- Main	-	-	690,000	-	-
Southview Acres Loop	-	-	70,000	-	-
Wildlife Acres Loop	-	-	180,000	-	-
Total Water Utility	\$ 2,595,615	\$ 2,663,300	\$ 2,831,000	\$ 1,676,000	\$ 1,663,250
Transit					
Handi-Van Fleet Replacement	\$ 61,000	\$ 63,000	\$ 65,000	\$ 67,000	\$ 70,000
Bus Shelter Replacement	-	110,000	-	-	-
Bus Replacement	-	-	1,200,000	816,000	832,000
Total Transit	\$ 61,000	\$ 173,000	\$ 1,265,000	\$ 883,000	\$ 902,000
TOTAL CAPITAL PROJECTS	\$ 21,054,815	\$ 16,580,775	\$ 22,285,530	\$ 12,589,500	\$ 25,459,600

**City of Fond du Lac
Capital Improvement Plan
For the Years 2017 through 2021
Summary of Projects Funded by General Operations**

DESCRIPTION	2017	2018	2019	2020	2021
Projects Funded by Tax Levy					
Public Works					
Streets:					
Street Restoration-Utility Repair	\$ 437,000	\$ 492,250	\$ 528,550	\$ 489,500	\$ 476,300
Total Streets	<u>\$ 437,000</u>	<u>\$ 492,250</u>	<u>\$ 528,550</u>	<u>\$ 489,500</u>	<u>\$ 476,300</u>
Storm Water:					
Storm Sewer Replacement-Utility Repair	\$ 342,000	\$ 288,750	\$ 298,100	\$ 274,000	\$ 271,050
Total Storm Water	<u>\$ 342,000</u>	<u>\$ 288,750</u>	<u>\$ 298,100</u>	<u>\$ 274,000</u>	<u>\$ 271,050</u>
Municipal Service Center:					
Public Works-Capital Equipment Replacement	\$ 625,000	\$ 730,000	\$ 640,000	\$ 635,000	\$ 675,000
Total Public Works	<u>\$ 1,404,000</u>	<u>\$ 1,511,000</u>	<u>\$ 1,466,650</u>	<u>\$ 1,398,500</u>	<u>\$ 1,422,350</u>
Total Projects Funded by Tax Levy	<u>\$ 1,404,000</u>	<u>\$ 1,511,000</u>	<u>\$ 1,466,650</u>	<u>\$ 1,398,500</u>	<u>\$ 1,422,350</u>
Projects Funded in Operations					
Public Works					
Streets:					
Street Maintenance	\$ 200,000	\$ 205,000	\$ 205,000	\$ 210,000	\$ 210,000
Bridge Rehabilitation & Repair	280,000	290,000	290,000	300,000	300,000
Total Streets	<u>\$ 480,000</u>	<u>\$ 495,000</u>	<u>\$ 495,000</u>	<u>\$ 510,000</u>	<u>\$ 510,000</u>
Storm Water:					
Stormwater Pump Station Control Upgrades	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Neighborhood Drainage Program - Private	22,000	22,000	24,000	24,000	24,000
Neighborhood Drainage Program - Public	22,000	22,000	24,000	24,000	24,000
Total Storm Water	<u>\$ 94,000</u>	<u>\$ 94,000</u>	<u>\$ 98,000</u>	<u>\$ 98,000</u>	<u>\$ 98,000</u>
Engineering & GIS:					
Aerial Orthophotos, Oblique, LiDAR	\$ -	\$ -	\$ 75,000	\$ -	\$ -
Total Engineering & GIS	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 75,000</u>	<u>\$ -</u>	<u>\$ -</u>
Municipal Service Center:					
Emergency Siren Replacements	\$ 52,500	\$ 55,125	\$ 57,880	\$ -	\$ -
Asphalt Repair-MSC	45,200	17,350	-	-	-
Total MSC	<u>\$ 97,700</u>	<u>\$ 72,475</u>	<u>\$ 57,880</u>	<u>\$ -</u>	<u>\$ -</u>
Total Public Works	<u>\$ 671,700</u>	<u>\$ 661,475</u>	<u>\$ 725,880</u>	<u>\$ 608,000</u>	<u>\$ 608,000</u>
Police					
Squad Replacement Program	\$ 291,000	\$ 245,000	\$ 280,000	\$ 250,000	\$ 280,000
Portable Radio Replacement	87,000	87,000	87,000	87,000	-
SWAT Armor Replacement	66,000	-	-	-	-
Sworn Active Shooter Armor Replacement	60,000	-	-	-	-
Body Worn Cameras	-	-	435,000	-	-
Squad Video Camera Replacement	-	-	-	-	110,000
Total Police	<u>\$ 504,000</u>	<u>\$ 332,000</u>	<u>\$ 802,000</u>	<u>\$ 337,000</u>	<u>\$ 390,000</u>
Fire					
Replace Mobile Data Computers	\$ -	\$ -	\$ 38,000	\$ -	\$ -
HVAC-Station 1	-	80,000	-	-	-
Replace Thermal Imaging Camers	-	65,000	-	-	-
Replace Overhead Garage Doors-Sta 1 & 2	-	-	95,000	-	-
Total Fire	<u>\$ -</u>	<u>\$ 145,000</u>	<u>\$ 133,000</u>	<u>\$ -</u>	<u>\$ -</u>
Community Development					
Bike Sharing Program	\$ -	\$ 100,000	\$ -	\$ -	\$ -
Total Community Development	<u>\$ -</u>	<u>\$ 100,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Total Projects Funded in Operations	<u>\$ 1,175,700</u>	<u>\$ 1,238,475</u>	<u>\$ 1,660,880</u>	<u>\$ 945,000</u>	<u>\$ 998,000</u>

**City of Fond du Lac
Capital Improvement Plan
For the Years 2017 through 2021
Summary of Projects Funded by General Operations**

DESCRIPTION	2017	2018	2019	2020	2021
Projects Funded by Operating Transfers					
General Government - ITS					
Transfer from Water Utility-Utility Billing Software	\$ -	\$ -	\$ -	\$ 200,000	\$ -
Total General Government - ITS	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 200,000</u>	<u>\$ -</u>
Public Works					
Streets:					
Street Reconstruction	\$ 220,000	\$ 250,000	\$ 220,000	\$ 260,000	\$ 260,000
Sidewalk Program-City	85,000	90,000	90,000	95,000	95,000
Total Streets	<u>\$ 305,000</u>	<u>\$ 340,000</u>	<u>\$ 310,000</u>	<u>\$ 355,000</u>	<u>\$ 355,000</u>
Total Public Works	<u>\$ 305,000</u>	<u>\$ 340,000</u>	<u>\$ 310,000</u>	<u>\$ 355,000</u>	<u>\$ 355,000</u>
Total Projects Funded by Operating Transfers	<u>\$ 305,000</u>	<u>\$ 340,000</u>	<u>\$ 310,000</u>	<u>\$ 555,000</u>	<u>\$ 355,000</u>
Total Projects Funded by General Operations	<u>2,884,700</u>	<u>3,089,475</u>	<u>3,437,530</u>	<u>2,898,500</u>	<u>2,775,350</u>

**City of Fond du Lac
Capital Improvement Plan
For the Years 2017 through 2021
Summary of Projects Funded by General Obligation Debt**

Project Description	2017	2018	2019	2020	2021
General Government					
Fiber-Department of Public Works Campus (North)	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Joint Fiber Build with County	100,000	-	-	-	-
Network Threat Management Software	125,000	-	-	-	-
UPS Upgrade & Replacement-Police Department	50,000	-	-	-	-
Phase 3 - Community/Business Licensing Software	200,000	-	-	-	-
Storage Area Network Upgrades	-	-	80,000	-	-
Total General Government	<u>\$ 535,000</u>	<u>\$ -</u>	<u>\$ 80,000</u>	<u>\$ -</u>	<u>\$ -</u>
Police:					
Rifle Replacements and Upgrades	\$ 61,500	\$ -	\$ -	\$ -	\$ -
Building Hardscape Improvements	-	40,000	-	-	-
Boiler Replacements	-	35,000	-	-	-
Facility Lighting Replacement	-	-	45,000	-	-
Building Exterior Improvements	-	-	-	40,000	-
Total Police	<u>\$ 61,500</u>	<u>\$ 75,000</u>	<u>\$ 45,000</u>	<u>\$ 40,000</u>	<u>\$ -</u>
Fire					
Opticom System-Variou Intersections	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ -
Replace Self-Contained Breathing Apparatus	375,000	-	-	-	-
Radio Replacement-Portables	-	500,000	-	-	-
Emergency Generator-Station #3	-	-	85,000	-	-
Radio Replacement-Mobiles	-	-	93,000	-	-
Engine Replacement	-	-	-	625,000	-
Fire Station 1 - Infrastructure Improvements	-	-	-	-	97,000
Fire Station 1 - Addition to Tradition Room	-	-	-	-	252,000
New Fire Station Land Purchase	-	-	-	-	100,000
Total Fire	<u>\$ 525,000</u>	<u>\$ 650,000</u>	<u>\$ 328,000</u>	<u>\$ 625,000</u>	<u>\$ 449,000</u>
Streets:					
Sidewalk Program - Private	\$ 265,000	\$ 265,000	\$ 265,000	\$ 270,000	\$ 270,000
Arndt Street Bridge Replacement (DOT Cost Share)	100,000	-	437,600	-	-
Pioneer Road CTH VV Reconstruction (DOT Cost Share)	1,613,442	-	-	-	-
Street Restoration-Utility Repair (Partial)	190,000	-	-	-	-
CTH "V" Pioneer Rd to FDL Ave - County	-	250,000	-	-	-
Country Lane Bridge	-	-	-	-	825,000
S Main St - Pavement Maintenance	-	800,000	-	-	-
W. Scott St & Van Dyne Rd Reconstruction	-	-	-	-	275,000
Johnson Right Turns - National, Prairie, Country Lane	-	-	-	-	250,000
Military Rd Reconstruct-Hickory to Western (DOT Cost Share)	-	-	-	-	500,000
Total Streets	<u>\$ 2,168,442</u>	<u>\$ 1,315,000</u>	<u>\$ 702,600</u>	<u>\$ 270,000</u>	<u>\$ 2,120,000</u>
Storm Water:					
Standby Generators for Pump Stations	\$ 263,500	\$ -	\$ -	\$ -	\$ -
Storm Water Pump & Motor Replacements	350,000	-	350,000	-	350,000
TMDL Storm Water Plan	134,500	-	-	-	-
Armor Drainage Way Banks	-	250,000	-	250,000	-
Merrill Pump Station Forcemain Upgrade	-	350,000	-	-	-
S Main St - Pavement Maintenance Storm Repair	-	80,000	-	-	-
Lincoln & Thomas Pump Station Upgrade	-	-	-	-	1,600,000
Military Rd Reconstruction (DOT Cost Share)	-	-	-	-	90,000
Total Storm Sewers	<u>\$ 748,000</u>	<u>\$ 680,000</u>	<u>\$ 350,000</u>	<u>\$ 250,000</u>	<u>\$ 2,040,000</u>

**City of Fond du Lac
Capital Improvement Plan
For the Years 2017 through 2021
Summary of Projects Funded by General Obligation Debt**

Project Description	2017	2018	2019	2020	2021
Parks:					
Shelter Renovations-LSP	\$ 35,000	\$ -	\$ -	\$ -	\$ -
LSP Playground Restroom Renovation	60,000	-	-	-	-
Cold Storage Shed & Greenhouse-LSP	94,000	-	-	-	-
Lakeside Park Splash Pad	-	100,000	-	-	-
Taylor Park Restroom Renovation	-	50,000	-	-	-
Allen Street Bridge Replacement	-	90,000	-	-	-
Outlying Park Shelter Renovation	-	35,000	-	-	-
New Pavilion	-	-	3,600,000	-	-
Buttermilk Park Restroom Renovation	-	-	50,000	-	-
Butzen Park Playground Equipment & Surface	-	-	55,000	-	-
Buttermilk & Franklin Parks Basketball Courts	-	-	50,000	-	-
Cardinal Park Development	-	-	-	80,000	-
Denevue Park Restroom Renovation	-	-	-	70,000	-
Bridge from LSP to LSP West	-	-	-	-	1,300,000
Total Parks	<u>\$ 189,000</u>	<u>\$ 275,000</u>	<u>\$ 3,755,000</u>	<u>\$ 150,000</u>	<u>\$ 1,300,000</u>
Municipal Service Center:					
Vehicle Wash Replacement	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Fabrication Shop	-	300,000	-	-	-
Roof Replacement - MSC	-	-	343,000	417,000	-
Total Municipal Service Center	<u>\$ 120,000</u>	<u>\$ 300,000</u>	<u>\$ 343,000</u>	<u>\$ 417,000</u>	<u>\$ -</u>
Community Development:					
Military Rd Railroad Crossing	\$ -	\$ 150,000	\$ -	\$ -	\$ -
Macy Parking Ramp - Repairs	80,000	170,000	370,000	280,000	265,000
Lot 3 - Rebuild	45,000	-	-	-	-
Downtown Trash Receptacles	35,000	-	-	-	-
Fox Ridge Industrial Park Road - TIF Debt	1,750,000	-	-	-	-
Total Community Development	<u>\$ 1,910,000</u>	<u>\$ 320,000</u>	<u>\$ 370,000</u>	<u>\$ 280,000</u>	<u>\$ 265,000</u>
Library:					
Flooring Replacement	\$ 110,000	\$ 125,000	\$ -	\$ -	\$ -
Book Drops	35,000	-	-	-	-
Elevator Replacement	-	300,000	-	-	-
Security Camera and Hardware	-	-	75,000	-	-
Bathrooms Upgraded	-	-	-	50,000	-
Furniture Replacement-Public Areas	-	-	-	-	60,000
Total Library	<u>145,000</u>	<u>425,000</u>	<u>75,000</u>	<u>50,000</u>	<u>60,000</u>
Total Debt - All Projects	<u>\$ 6,401,942</u>	<u>\$ 4,040,000</u>	<u>\$ 6,048,600</u>	<u>\$ 2,082,000</u>	<u>\$ 6,234,000</u>
G.O. Debt - General City Projects	\$ 4,651,942	\$ 4,040,000	\$ 6,048,600	\$ 2,082,000	\$ 6,234,000
G.O. Debt - TIF Projects	1,750,000	-	-	-	-
Total G.O. Debt	<u>\$ 6,401,942</u>	<u>\$ 4,040,000</u>	<u>\$ 6,048,600</u>	<u>\$ 2,082,000</u>	<u>\$ 6,234,000</u>

**CITY OF FOND DU LAC
CAPITAL IMPROVEMENT PROGRAM
FOR THE YEARS 2017 THROUGH 2021
SUMMARY OF OTHER FUNDING SOURCES**

EXPENDITURE CATAGORY	2017	2018	2019	2020	2021
FEDERAL/STATE GRANTS:					
Public Works:					
Streets:					
Arndt Street Bridge Replacement (DOT Cost Share)	\$ -	\$ -	\$ 1,612,400	\$ -	\$ -
Pioneer Road CTH VV Reconstruction (DOT Cost Share)	4,426,558	-	-	-	-
Military Road Reconstruction (DOT Cost Share)	-	-	-	-	1,500,000
Total Streets	<u>\$ 4,426,558</u>	<u>\$ -</u>	<u>\$ 1,612,400</u>	<u>\$ -</u>	<u>\$ 1,500,000</u>
Storm Water:					
Military Road Reconstruction (DOT Cost Share)	\$ -	\$ -	\$ -	\$ -	\$ 340,000
Total Storm Water	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 340,000</u>
Total Public Works	<u>\$ 4,426,558</u>	<u>\$ -</u>	<u>\$ 1,612,400</u>	<u>\$ -</u>	<u>\$ 1,840,000</u>
Parks:					
James Megellas "Maggie" Park Development	\$ -	\$ 160,000	\$ -	\$ -	\$ -
Total Parks	<u>\$ -</u>	<u>\$ 160,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Transit:					
Federal Capital Equipment Grant	\$ 48,800	\$ 114,400	\$ 1,012,000	\$ 706,600	\$ 721,600
Total Transit	<u>\$ 48,800</u>	<u>\$ 114,400</u>	<u>\$ 1,012,000</u>	<u>\$ 706,600</u>	<u>\$ 721,600</u>
Total Federal & State Grants-All funds	<u>\$ 4,475,358</u>	<u>\$ 274,400</u>	<u>\$ 2,624,400</u>	<u>\$ 706,600</u>	<u>\$ 2,561,600</u>
Available Capital Fund Balances:					
General Government - ITS					
Back-Up Devices	\$ -	\$ -	\$ 75,000	\$ -	\$ -
Total General Government - ITS	<u>-</u>	<u>-</u>	<u>75,000</u>	<u>-</u>	<u>-</u>
Rescue					
Ambulance Replacements	\$ 250,000	\$ -	\$ 260,000	\$ -	\$ 270,000
Laptop Replacements	-	-	38,000	-	-
Mobile Data Computer Replacements	-	-	38,000	-	-
Ambulance Cot Replacements	-	-	-	70,000	-
Heart Monitor Replacements	-	150,000	-	-	-
Total Rescue	<u>\$ 250,000</u>	<u>\$ 150,000</u>	<u>\$ 336,000</u>	<u>\$ 70,000</u>	<u>\$ 270,000</u>
Public Works-Streets:					
Street Restoration-Utility Repair					
Fond du Lac Ave. - National Ave. to 9th St. (jurisd transfer fund \$	-	-	2,850,000	-	-
Main St Reconstruction - Merrill to Johnson	-	1,600,000	-	-	-
Total-Streets	<u>-</u>	<u>1,600,000</u>	<u>2,850,000</u>	<u>-</u>	<u>-</u>
Public Works-Storm Sewers:					
Storm Water Pump Repairs					
Fond du Lac Ave. - National Ave. to 9th St.	-	-	400,000	-	-
Main St. Reconstruction - Merrill to Johnson	-	200,000	-	-	-
Total-Storm Sewers	<u>-</u>	<u>200,000</u>	<u>400,000</u>	<u>-</u>	<u>-</u>
Parks - Public Site Fees:					
Lakeside Park Splash Pad	\$ -	\$ 100,000	\$ -	\$ -	\$ -
James Megellas "Maggie" Park Development	-	160,000	-	-	-
Cardinal Park Development	-	-	-	80,000	-
Total Parks	<u>\$ -</u>	<u>\$ 260,000</u>	<u>\$ -</u>	<u>\$ 80,000</u>	<u>\$ -</u>
Public Works-Capital Equipment Replacement					
Public Works-Capital Equipment Replacement	\$ 55,000	\$ -	\$ -	\$ -	\$ -
Public Works-Solid Waste Equipment Replacement	300,000	-	300,000	-	300,000
Total Public Works	<u>\$ 355,000</u>	<u>\$ -</u>	<u>\$ 300,000</u>	<u>\$ -</u>	<u>\$ 300,000</u>
Transit:					
Local Share - Handi-Van Replacement	\$ 12,200	\$ 12,600	\$ 13,000	\$ 13,400	\$ 14,000
Local Share - Bus Replacement	-	-	240,000	163,000	166,400
Local Share - Bus Shelter	-	46,000	-	-	-
Total Transit	<u>\$ 12,200</u>	<u>\$ 58,600</u>	<u>\$ 253,000</u>	<u>\$ 176,400</u>	<u>\$ 180,400</u>
Total Available CPF Fund Balances	<u>617,200</u>	<u>2,268,600</u>	<u>4,214,000</u>	<u>326,400</u>	<u>750,400</u>
Total Available Capital Fund Balances	<u>\$ 617,200</u>	<u>\$ 2,268,600</u>	<u>\$ 4,214,000</u>	<u>\$ 326,400</u>	<u>\$ 750,400</u>

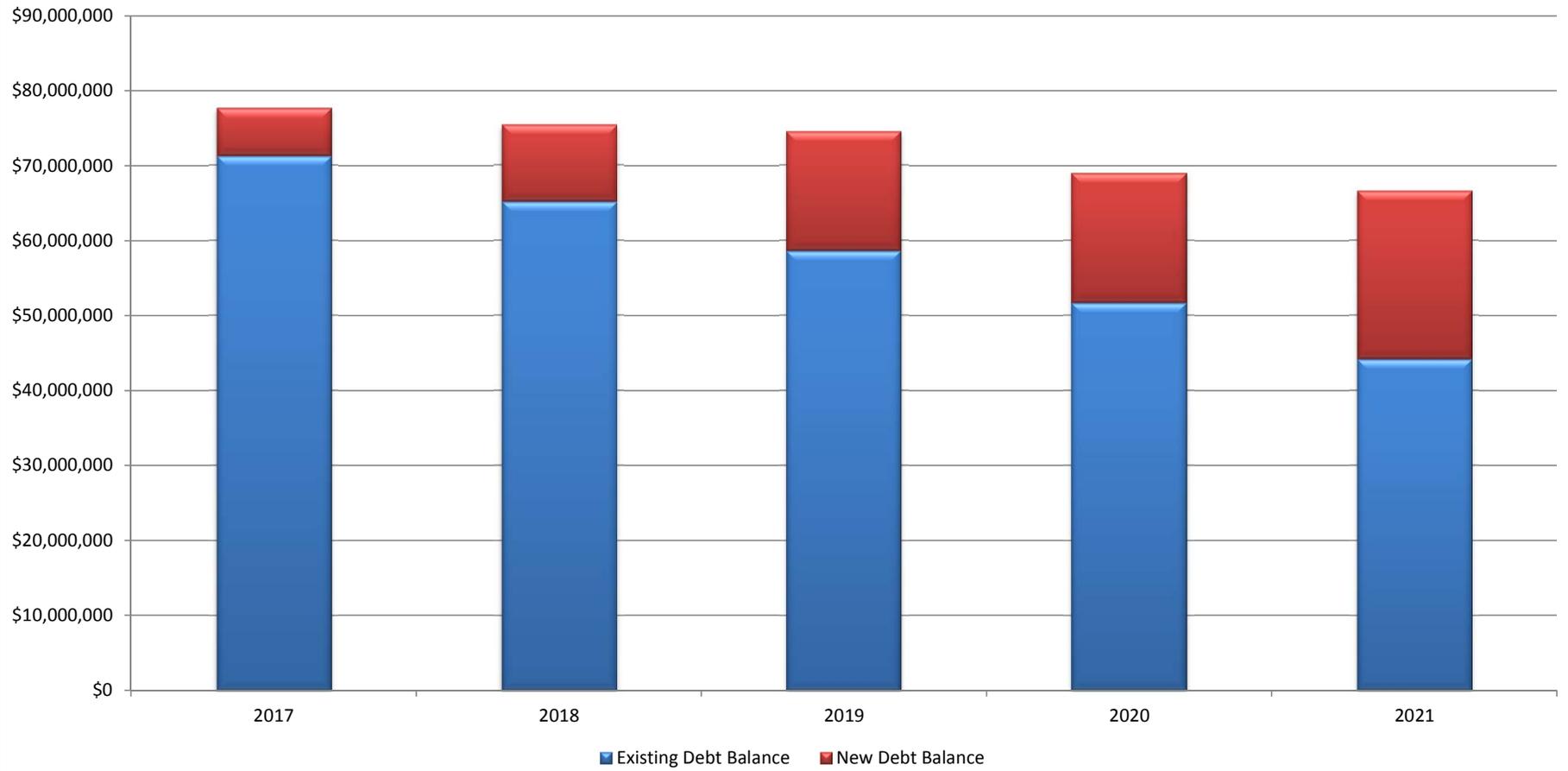
City of Fond du Lac

Capital Improvement Plan

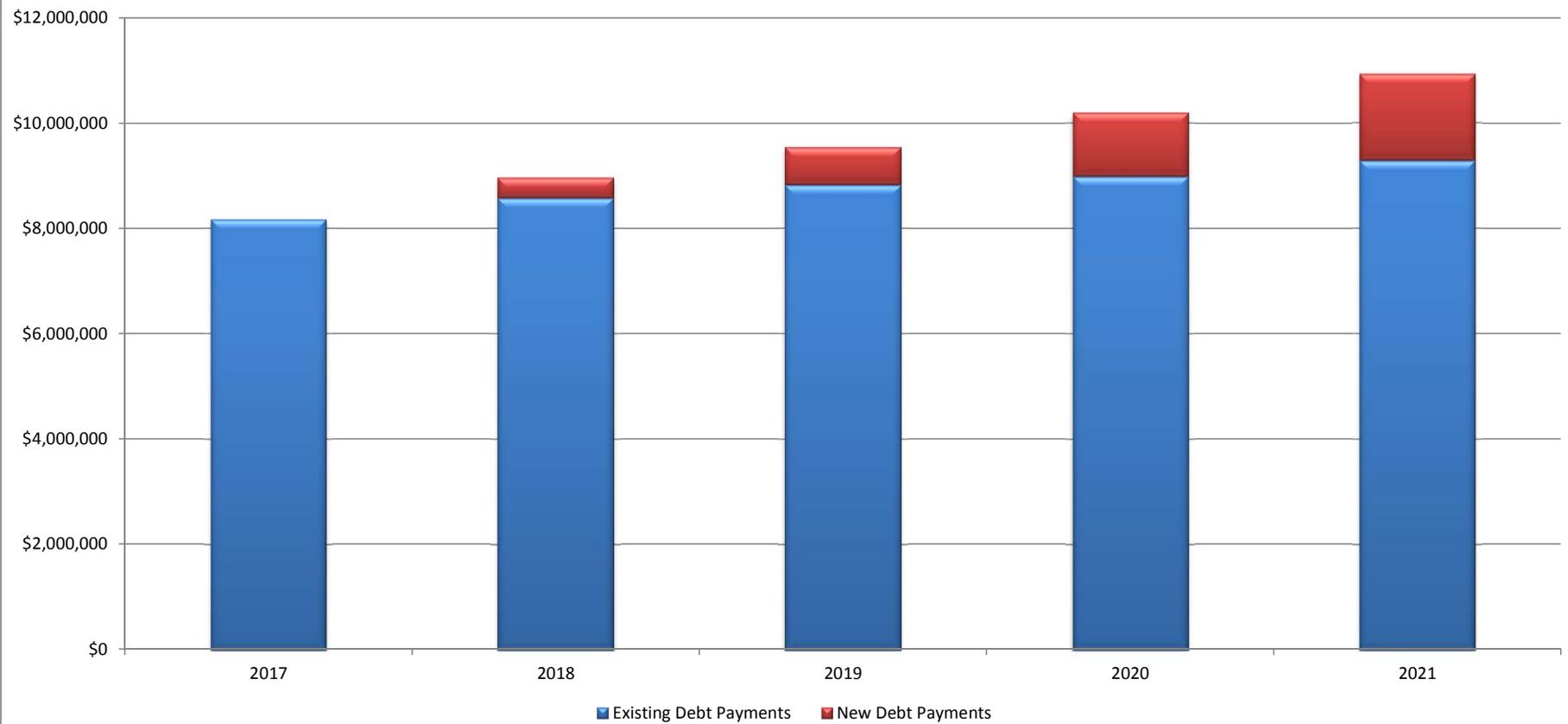
2017 - 2021

Appendices

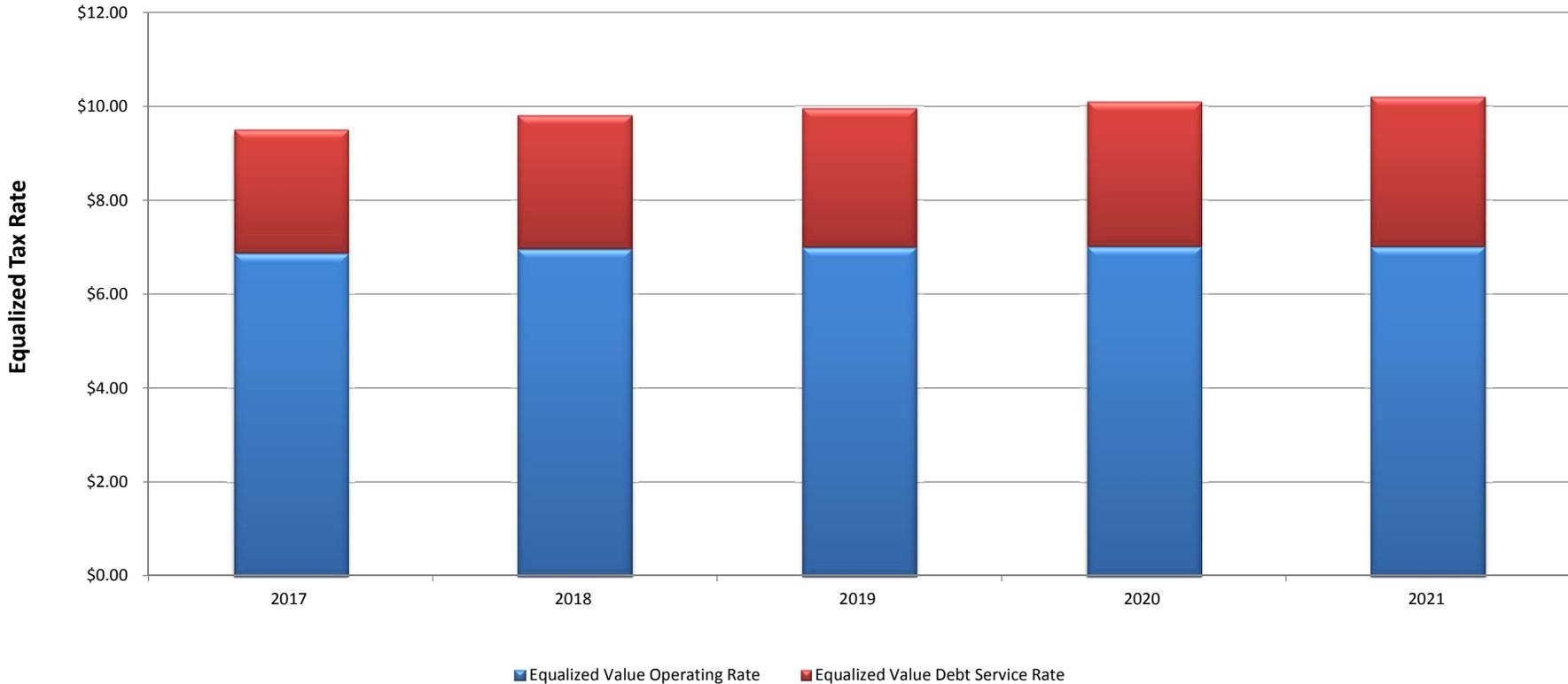
City of Fond du Lac Projected General Obligation Debt Balances Existing Debt & New Debt



**City of Fond du Lac
Projected General Obligation Debt Payments
New Debt & Existing Debt**

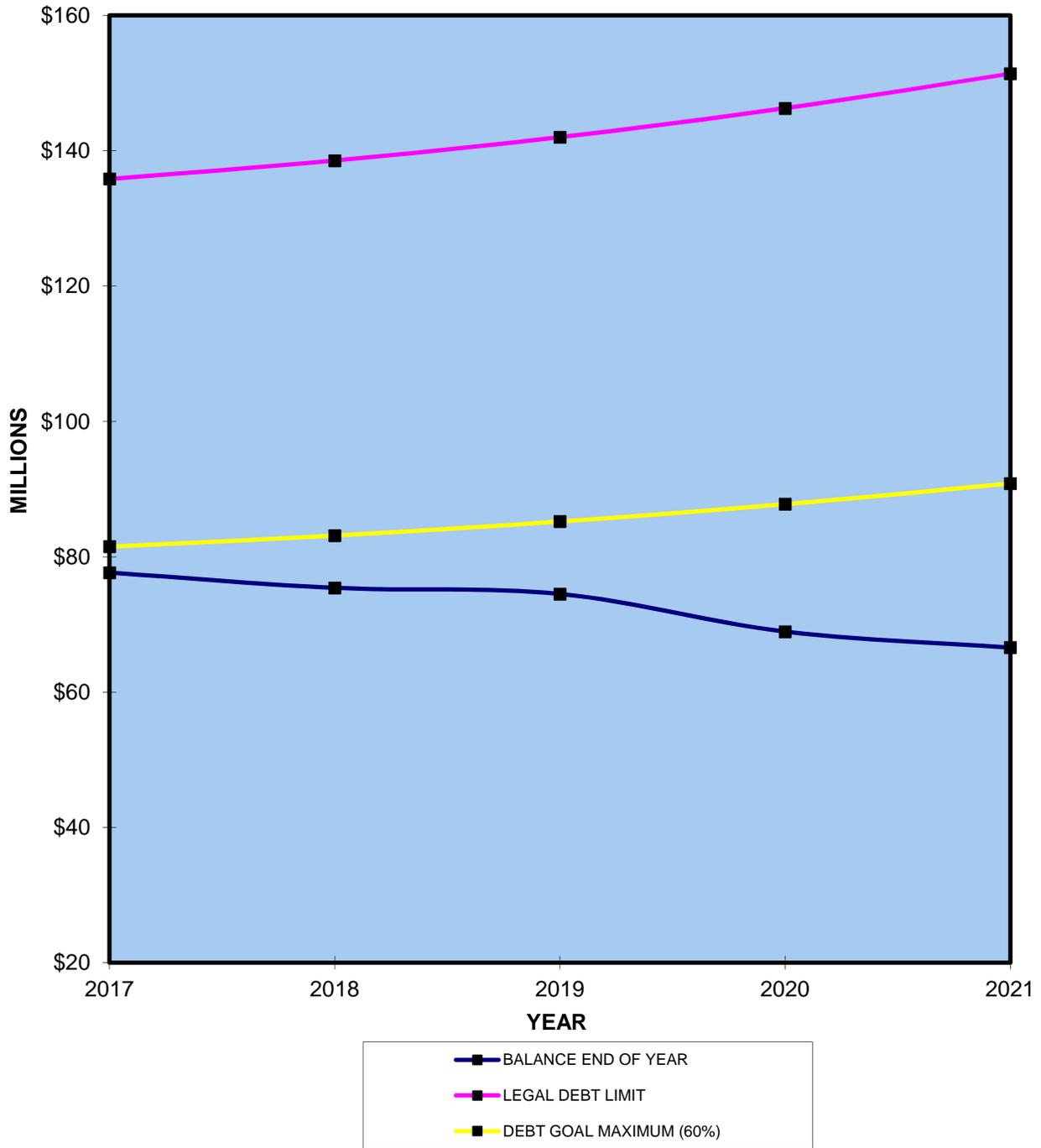


**Appendix C
City of Fond du Lac
Projected Property Tax Rates
(Equalized Value Basis)**

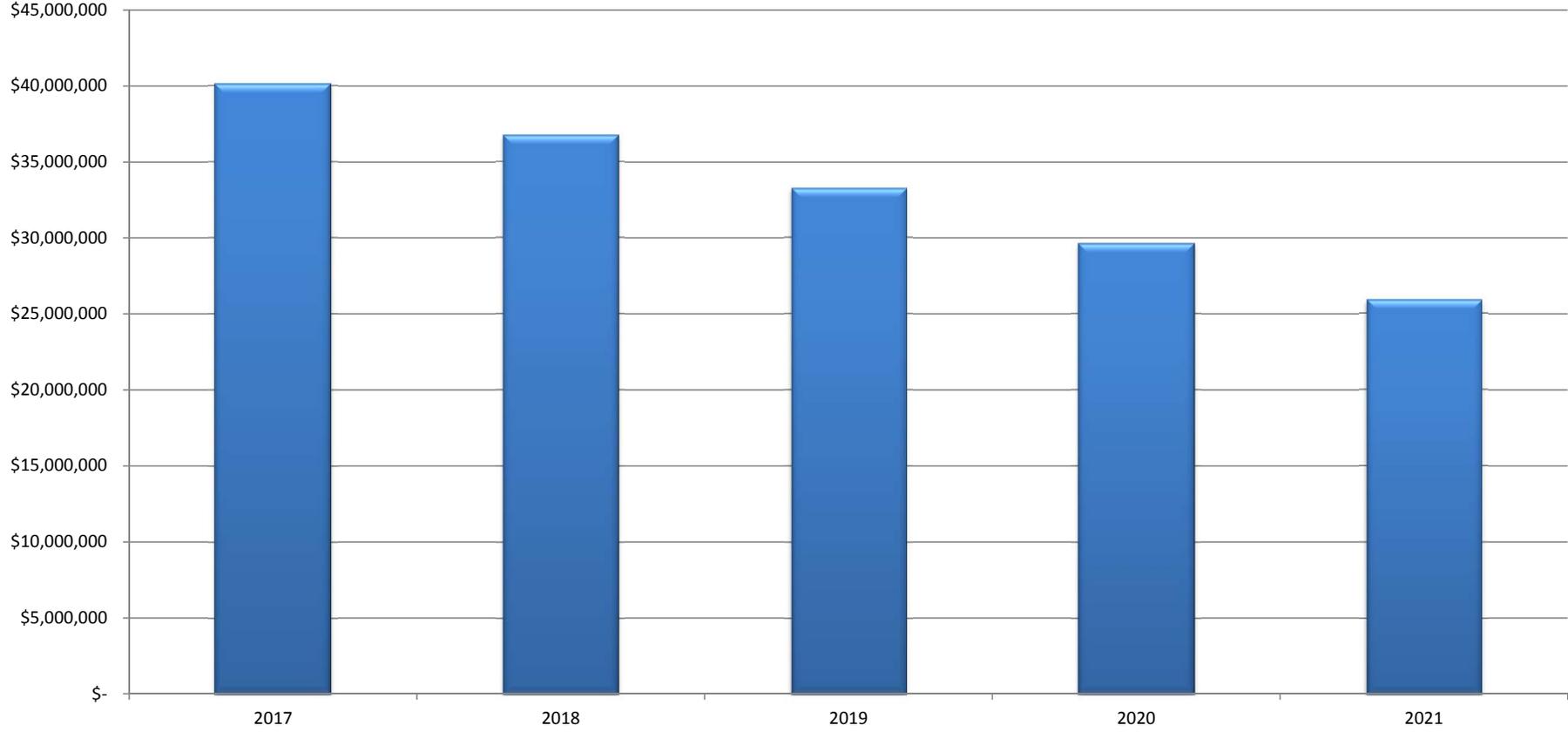


APPENDIX D
DEBT CHART
CITY OF FOND DU LAC

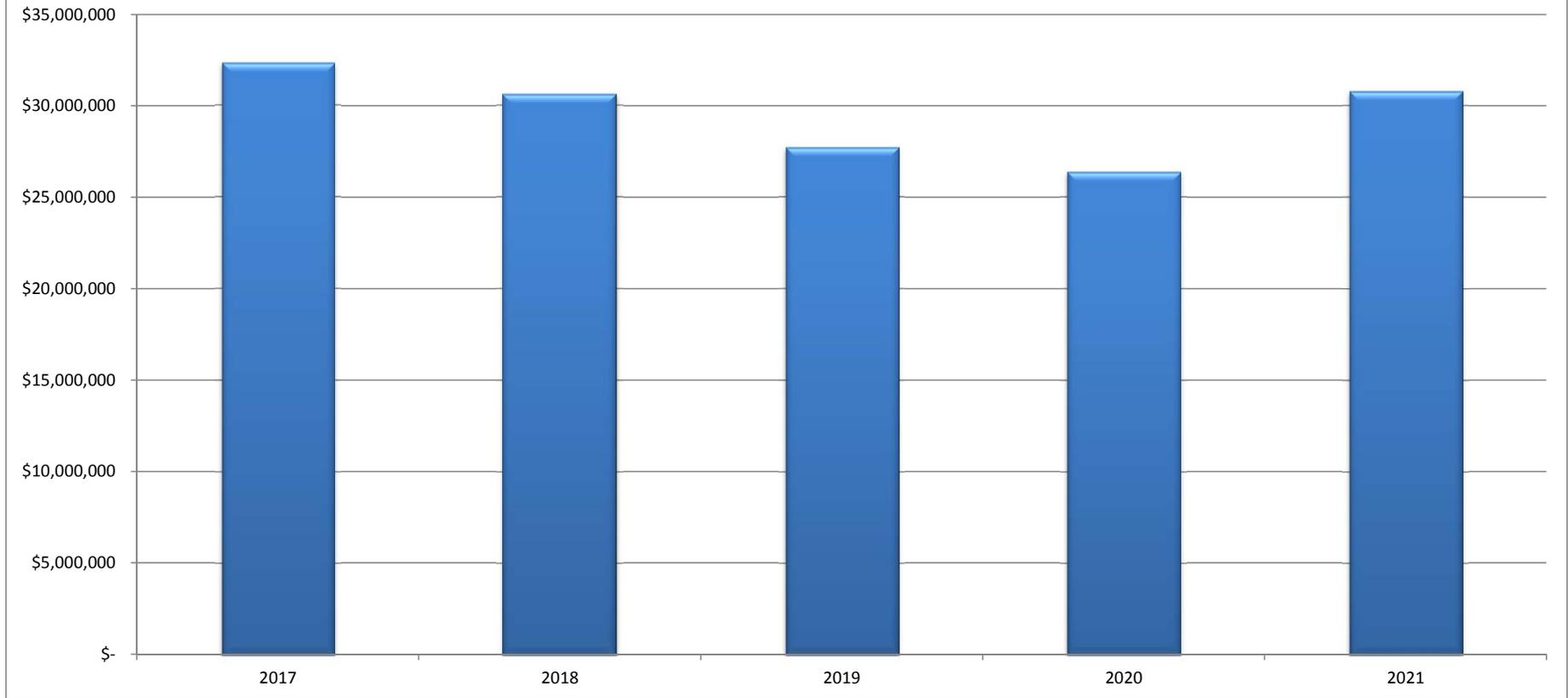
GENERAL OBLIGATION DEBT COMPARISON



City of Fond du Lac Projected Water Debt Balance



City of Fond du Lac Projected Wastewater Debt Balance



**APPENDIX G
CITY OF FOND DU LAC
CAPITAL IMPROVEMENT PLAN
FOR THE YEARS 2017 THROUGH 2021
PROJECTS BEYOND 2021**

PROJECT	AMOUNT
Parks	
LSPW Supples Marsh Viewing Platform - 2022	\$ 350,000
Franklin Park Addition	150,000
	<u>\$ 500,000</u>
Wastewater Treatment Plant	
Biosolids Drying Project - 2022	\$ 5,500,000
Biogas Engine, Treatment and Gas Storage	4,500,000
	<u>\$ 10,000,000</u>