

VILLAGE BOARD MEETING
Monday, October 7, 2019
Earl McGovern Board Room, 6:30 P.M.



PLEASE TAKE NOTICE that a meeting of the Brown Deer Village Board will be held at the Village Hall of the Village of Brown Deer, 4800 West Green Brook Drive, Brown Deer, Wisconsin at the above noted time and date, at which the following items of business will be discussed and possibly acted upon:

- I. Roll Call
- II. Pledge of Allegiance
- III. Persons Desiring to be Heard
- IV. **Consent Agenda**
 - A. Consideration of Minutes: September 16, 2019 – Regular Meeting
- V. **New Business**
- VI. Recess into Closed Session pursuant to §19.85(1) (g) Wisconsin Statutes for the following reasons:
 - (g) Conferring with legal counsel for the governmental body who is rendering oral or written advice concerning strategy to be adopted by the body with respect to litigation in which it is or is likely to become involved.
 - 1) Eminent Domain in TID #4
- VII. Reconvene into Open Session for Possible Action on Closed Session Deliberations
 - A. Liquor License for Corvina Wine Bar, 4429 West River Lane
 - B. Ordinance No. 19-, “An Ordinance Creating Section 34-39 of the Village of Brown Deer Municipal Code Pertaining to Electronic Smoking Devices”
 - C. Discussion and Approval of the 2020-2024 Capital Improvement Plan (CIP)
 - D. Discussion of the Village Board Social Networking Policy
- VIII. Village President’s Report
- IX. Village Manager’s Report
- X. Adjournment



Jill Kenda-Lubetski, Village Clerk
October 3, 2019

PERSONS REQUIRING SPECIAL ACCOMMODATIONS FOR ATTENDANCE AT THE MEETING SHOULD CONTACT THE VILLAGE CLERK AT LEAST ONE BUSINESS DAY PRIOR TO THE MEETING.

**BROWN DEER JOINT MEETING VILLAGE BOARD & FINANCE & PUBLIC WORKS
SEPTEMBER 16, 2019 MEETING MINUTES
HELD AT THE BROWN DEER VILLAGE HALL
4800 WEST GREEN BROOK DRIVE**

The meeting was called to order by President Montgomery at 6:00 P.M.

I. Roll Call: Village Board

Present: Village President Montgomery; Trustees: Baker, Quirk, Spencer, Springman, Wedward,

Also Present: Michael Hall, Village Manager; Erin Hirn, Assistant Village Manager / Deputy Clerk; John Fuchs, Village Attorney; Susan Hudson, Village Treasurer; Michael Kass, Chief of Police; Hiedi Rattner (6:24); Brad Viegut (6:24), Baird; Matthew Maederer, PE Director of Public Works; Nate Piotrowski, Director of Community Development; Chad Hoier, Director of Park & Recreation; Dana Anderson-Kopczyk, Library Director; Debbie Gerth, Municipal Court Clerk.

Excused: Tom Lieven, Jeff Woods, Ray Erbe, Trustee: Booker

II. Pledge of Allegiance

III. Persons Desiring to be Heard

Andy Burgholz, Owner of Tapco, is requesting a sidewalk on the west side of 51st Street for employees as well as residents who take the bus. Currently there is not a sidewalk, a shelter, or any safety measures put in place and this present safety concerns especially in the winter. Mr. Burgholz offered to donate some products if needed to assist in this request.

Karen Gosse, 6559 W. Pierner Place, voiced her concern about a potential splash pad in the original village taking away the potential attendance of the pond. She also noted the concern about the location of the new library and it's need for extra parking.

Monica Baran, 3656 W. Pelican Lane, asked what budget the rent from the tenant in the new library building was going towards. Mrs. Dana Anderson-Kopczyk responded that this money goes directly to the library's operating budget.

IV. Commencement of the Joint Meeting of the Village Board and the Finance and Public Works Committee

There were not enough members to create a quorum.

V. New Business for Joint Meeting of the Village Board and Finance and Public Works Committee

A) Presentation and discussion of the 2020-2024 Capital Improvement Plan (CIP)

Mr. Hall gave a presentation of the current Capital Improvement Plan.

B) Approve Changes to the Debt Management Policy

Mr. Hall explained the two requested policy changes. The first one is to include the verbiage to keep total outstanding general obligation debt within 75% of the limit prescribed by law. The second change would be to change the total annual debt ceiling from 20% to 25% and taking this percentage form the operating revenue instead of the tax levy. This would conform with other municipality standards.

It was moved by Trustee Quirk and seconded by Trustee Wedward to add to the village debt policy by

including outstanding general obligation debt and keeping it within 75% limit as prescribed by law. The motion carried.

It was moved by Trustee Quirk and seconded by Trustee Baker to add to the village debt policy by including the wording total annual debt service for general obligation debt will not exceed 25% of total operating revenue. The motion carried.

VI. Consent Agenda

- A) Consideration of Minutes: August 19, 2019 – Regular Meeting
- B) July 2019 Financial Report
- C) Consideration of August 2019 Vouchers

It was moved by Trustee Baker and seconded by Trustee Quirk to approve the consent agenda. The motion carried.

VII. New Business

- A) Discussion of Municipal Attorney Services and the Joint Court with Glendale

Attorney Fuchs discussed his contract which is set to end at the end of year and requested the staff discuss what they would like to do whether extend his contract or look for other council.

President Montgomery requested to make this an agenda item on the next agenda in closed session. Mrs. Montgomery also requested a copy of the current contract.

- B) Discussion and Report on the Marketplace of Brown Deer Located at 9178 N Green Bay Rd.

Attorney Fuchs discussed updates on the marketplace. Currently the property is not being sold; however, the village is trying to continue conversations with them to stay up to date on any improvements that may be in the works.

- C) Discussion of Ethics Complaint Filed by Jim Farmer Against Village Board Members and Village Staff

Attorney Fuchs read off the August 21st results of the ethics complaint filed by Jim Farmer against Village Board members as well as village staff. There were no ethics violation findings from John Fuchs, Michael Hall, Erin Hirn, Former Trustee Tim Schilz, Jill Kenda-Lubetski, and Trustee Courtney Wedward. The Commission did find that Former President Carl Kruger, Trustee Jeff Baker, and Trustee Gary Springman lacked the attribution statement on their campaign signs; however, when they were notified it was taken care of immediately. This is a typical oversight which was corrected. One other thing the Commission noted was that Former President Carl Kruegers campaign Facebook page had the village phone number which was caught by staff and then corrected as well. Attorney Fuchs stated that no calls were made to the village regarding the Kruger Campaign because of the telephone number being on the page.

Trustee Baker reviewed the letter that he received regarding the campaign finance violation that was corrected.

Trustee Wedward expressed her concern for what this put the staff and the trustees through.

Trustee Quirk also read off a statement that all of these complaints were cleared by the Ethics Commission and we need to move forward.

President Montgomery agreed that we should move past this.

- D) Committee Appointments

Otto Bunge and John Buckley re-applied for the 4th of July Committee.

It was moved by President Montgomery and seconded by Trustee Springman to approve the committee appointments. The motion carried.

VIII. Village President's Report

- Wrote an article regarding Inclusion that will be coming out in the League Magazine
- Attended ICC & NorthShore Fire/Rescue Meeting

IX. Village Committee Reports

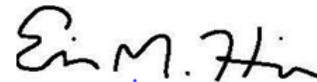
- Beautification Awards will be presented on September 17th at 7:00 p.m.

X. Village Manager's Report

- Working on the budget
- 300 people attending the open house and 150 people signed up for the recycling cards
- Great turnout at the library event.

XI. Adjournment

It was moved by Trustee Springman and seconded by Trustee Wedward to adjourn at 7:52 p.m. The motion carried.



Erin M. Hirn, Assistant Manager/Deputy Clerk



REQUEST FOR CONSIDERATION

COMMITTEE:	Village Board
ITEM DESCRIPTION:	Combination RESERVE "Class B" Liquor and Class "B" Fermented Malt Beverage License Application for 4429 West River Lane (Corvina Wine Bar)
PREPARED BY:	Jill Kenda-Lubetski, Village Clerk
REPORT DATE:	September 20, 2019
RECOMMENDATION:	To approve the application for a RESERVE "Class B" Intoxicating Liquor and Class "B" Fermented Malt Beverage (Beer) License to Vin Mke, LLC, d/b/a Corvina Wine Bar, to operate Brown Deer Container Park located at 4429 West River Lane.
EXPLANATION:	<p>The Village has received an application from the LaSusa Brothers (Frank, II and Joseph) to open and operate Corvina Wine Bar at the new Brown Deer Container Park located at 4429 West River Lane. Initial business plans are to have an Oktoberfest celebration during the month of October. Depending on the weather, they may be open during the fall and early winter months.</p> <p>The LaSusa Brothers have planned a soft opening and welcome the weekend of October 4-6, serving beer and wine only.</p> <p>Frank is being recommended as the appointed agent; Joseph has applied for an Operator's License. A background check of both LaSusa's was completed by the Police Department, with the recommendation that Frank be considered as the Agent and Joseph receive an Operator's License.</p> <p>Since 2012, Frank and Joseph LaSusa have owned and operate Corvina Wine Company, a unique wine bar and retail wine shop, located at 6038 West Lincoln Avenue in the City of West Allis.</p> <p>A total of \$10,120.00 in fees was paid by the applicant to obtain this RESERVE liquor license. A notice of this pending liquor license was published in North Shore Now on September 25, 2019.</p> <p>Pursuant to State Statutes and the Village Code, all matters that pertain to intoxicating liquor licenses must be presented for consideration and approved by the Village Board.</p>

Memorandum

Date: October 7th, 2019

To: Village of Brown Deer, Board of Trustees

Michael Hall, Village of Brown Deer Manager

From: Ann Christiansen, North Shore Health Department Health Director/Officer

RE: North Shore Health Department's support for ordinance prohibiting e-cigarette use

In 2019, the Wisconsin Department of Health Services issued a Public Health Advisory to inform the public about increasing trends in the use of e-cigarettes among youth in Wisconsin. Data from the 2018 Wisconsin Youth Tobacco Survey showed 20% of Wisconsin high school students were using electronic cigarettes or devices like Juul vaporizers compared to 5% of students who smoke conventional cigarettes. Locally, we have heard that vaping is a concern at North Shore schools.

In 2016, the U.S. Surgeon General released a report concluding that e-cigarette aerosol is not harmless, and the aerosol can contain nicotine and other harmful and potentially harmful chemicals. As a result of growing evidence of the negative health effects from electronic cigarettes, organizations like the Wisconsin Department of Health Services and the American Lung Association encourage municipalities to update and add e-cigarette definitions to their smoke-free air ordinances. Currently, Wisconsin's Clean Indoor Air law, also known as Act 12, only prohibits cigarette smoking in public places, including restaurants and taverns. Many municipalities, including the cities of Milwaukee, Oak Creek, Greenfield, Franklin, and Wauwatosa have passed ordinances prohibiting e-cigarette use and vaping in the same enclosed places where cigarette smoking is prohibited by Wisconsin State Law, § 101.123(2)), including restaurants, taverns, retail establishments, lodging establishments, and other public indoor places.

The North Shore Health Department's Board of Health adopted a resolution of support at our meeting on August 15th, 2019 urging our municipalities to adopt similar ordinances prohibiting use of electronic cigarettes and vaping devices where tobacco smoking is currently not allowed. In the past several weeks Bayside, Glendale, Shorewood and Whitefish Bay have passed such ordinances, and the item is on Fox Point Village Board's Agenda for October 10th.

The North Shore Health Department recommends the Village of Brown Deer pass an ordinance prohibiting the use of e-cigarettes and vaping devices in enclosed places where cigarette smoking is prohibited by Wisconsin State Law, § 101.123(2)). By passing an ordinance prohibiting use of electronic cigarettes in places where cigarette smoking is currently not allowed, Brown Deer would demonstrate its commitment to protecting the public's health from one of the leading causes of lung disease.

Vaping and E-Cigarette Use FAQs Prepared by North Shore Health Department

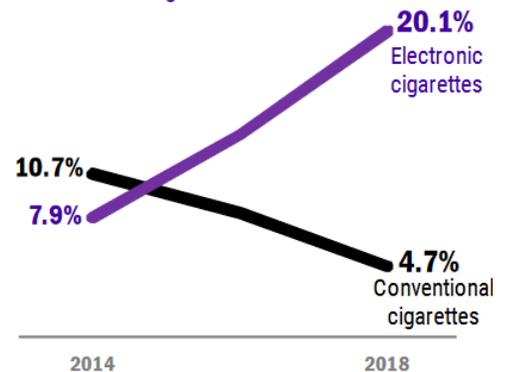
- **What are e-cigarettes?**

- Electronic cigarettes (e-cigarettes) and other “vaping” devices are battery operated products designed to delivery nicotine, flavor and other chemicals. Electronic cigarettes turn chemicals, including highly addictive nicotine, into an aerosol that is inhaled by the user. Most e-cigarettes, vapes, and Juul devices are manufactured to look like conventional cigarettes, cigars or pipes, but some resemble everyday items such as pens and USB memory sticks.

- **What is the scope of the problem in Wisconsin?**

- According to the 2018 Wisconsin Youth Tobacco Survey, 20% of high school students responded that they currently used an electronic vapor product. This is an increase from 8% of students in 2014.
- Nicotine experimentation in youth can lead to a lifetime of nicotine addiction, and e-cigarette use can be a gateway to tobacco product use.

From 2014 to 2018, there was a **154% increase** in e-cigarette use.



- **Are e-cigarettes safe?**

- No. There are over 450 brands of e-cigarettes and none have been proven to be safe. They are not yet regulated by any federal agency.
- It is important not to compare e-cigarette emissions to cigarette emissions, but to consider it as a separate entity. Instead, we should be comparing it to clean, indoor air.
- E-cigarette cartridges can also be used to contain other substances, such as marijuana, heroin, or other illegal drugs.
- In July 2019, the Wisconsin Department of Health Services sent an alert to local health departments and healthcare providers about eight cases of lung disease in adolescents that may be the result of vaping. Further investigation is ongoing.

- **Do e-cigarettes give off more than water vapor?**

- While this is a common misconception, e-cigarettes do give off more than just water vapor. Recent studies conducted by the FDA found detectable levels of carcinogenic chemicals and heavy metals in some e-cigarette products, including an ingredient used in anti-freeze.

- **Who can legally buy e-cigarettes?**

- WI Statute 134.66 (2)(a) prohibits retailers from selling cigarettes, nicotine products, or tobacco products to anyone under 18 years of age.
- A nicotine product is defined as any product that contains nicotine and is not a tobacco product, a cigarette, or a product that has been approved by the FDA for sale as a smoking cessation product or for another medical purpose and is being sold solely for such an approved purpose.

- Retailers are also required to post signage stating that sales to anyone under the age of 18 are prohibited.
- **What are the consequences for a retailer who sells to a minor?**
 - Less than \$500 fine if there has not been a previous violation in the past year
 - Between \$200 and \$500 fine if there has been a violation within the last year.
 - A court has the ability to suspend a license or permit for 3 – 30 days depending on the number of violations.
- **What are Wisconsin state laws surrounding vaping/e-cigarette bans?**
 - Currently, Wisconsin has no state-wide vaping or e-cigarette bans in terms of where they can be used. The only areas vaping is currently prohibited (by state law) are at indoor facilities of State Fair and at main stage area.
- **What local laws are currently in place for e-cigarette /vaping bans?**
 - A growing list of municipalities have passed local ordinances prohibiting vaping and the use of electronic cigarettes in places where cigarette smoking is currently prohibited. In Milwaukee County, the following have passed similar ordinances:
 - Greenfield (Passed Unanimously 10/2014)
 - West Allis (Passed 6-4 on 7/2016)
 - South Milwaukee (Passed 9/2017)
 - Milwaukee (Passed Unanimously 1/2018)
 - Oak Creek (Passed Unanimously 10/2018)
 - Franklin (Passed Unanimously 12/2018)
 - Hales Corners (Passed Unanimously 6/2019)
 - Shorewood (Pass Unanimously 7/2019)
 - Glendale (Pass Unanimously 9/2019)
 - Whitefish Bay (Pass Unanimously 9/2019)
 - Bayside (Pass Unanimously 9/2019)
- **How local municipalities enforce vaping bans and/or sales to minors?**
 - Most ordinances provide the ability for the Police Department to enforce prohibitions through compliance checks
 - In Milwaukee, fines begin at \$100 for use of e-cigarettes in any of the banned places
- **Are there any product placement laws for e-cigarette sales in Milwaukee retailer stores?**
 - No. E-cigarettes and cartridges are not required to be behind the counter, and can be found near any other products (toys, candy, etc.)



Serving the communities of Bayside, Brown Deer, Fox Point, Glendale, River Hills, Shorewood and Whitefish Bay, Wisconsin

ORDINANCE NO. _____

An Ordinance creating Section 34-39 of the Village of Brown Deer Municipal Code
pertaining to Electronic Smoking Devices

The Village President and the Village Board of the Village of Brown Deer, Milwaukee County, Wisconsin, do herewith ordain as follows, to-wit:

SECTION I

Section 34-39 of the Village of Brown Deer Code of Ordinance is hereby created to provide:

34-39 Electronic Smoking Devices

(a) *Definitions.*

(1) *Electronic Smoking Device* means any product containing or delivering nicotine, or any other similar substance, whether natural or synthetic, intended for human consumption that can be used by a person to stimulate smoking through inhalation of vapor or aerosol from the product.

Electronic smoking device includes, but are not limited to, devices manufactured, marketed, or sold as e-cigarettes, e-pipes, vape pens, mods, tank systems, or under any other product name or descriptor. The term also includes any component part of such product whether or not sold separately.

Electronic smoking device does not include any product that has been approved by the United States Food and Drug Administration (FDA) for sale as a tobacco cessation product and is being marketed and sold solely for the approved purpose.

(2) *Person in Charge* means the person, or his or her agent, who ultimately controls, governs or directs the activities aboard a public conveyance or at a location where smoking is prohibited or regulated under this section.

(b) *Statutes Adopted.* Except as expressly altered by this section, the provisions of §101.123, §134.66, and §254.92, Wis. Stats., are hereby adopted and incorporated herein.

(c) *Sale of Electronic Smoking Devices to Minors.* Consistent with §134.66, and

§254.92 Wis. Stats., no person shall sell or offer for sale any electronic smoking device or nicotine product to any person under the age of 18 years of age.

- (d) *Possession of Electronic Smoking Device by Persons under the Age of 18.* No person under the age of 18 of age shall possess any electronic smoking device or nicotine product.
- (e) *Use of Electronic Smoking Devices on School Grounds.* No person shall use an electronic smoking device on School grounds or in school buildings.
- (f) *Prohibition Against Smoking.* No person shall smoke in any of the following:
 - (1) Any place prohibited by §101.123, Wis. Stats., which are expressly adopted and incorporated herein.
 - (2) Any enclosed indoor area in any place prohibited by §101.123 Wis. Stats.
 - (3) All Municipal premises, excluding parking lots.
- (g) *Penalties.* Any person violating any provision of Sections 11.2.1 through 11.2.20 shall, upon conviction of such violation, be subject to the penalties as prescribed by Section 1.1.7 of this Code.

SECTION II

All ordinances or parts of ordinances conflicting with the provisions of this Ordinance are hereby to such extent repealed.

SECTION III

This Ordinance shall take effect and be in force from and after its passage and posting.

PASSED AND ADOPTED by the Village Board of the Village of Brown Deer, this _____ day of _____, 20_____.

Wanda Montgomery, Village President

Countersigned:

Jill Kenda-Lubetski, Clerk

A Resolution Approving a
2020 – 2024 Five Year Capital Plan
For the Village of Brown Deer

Resolution No. 19-

WHEREAS, the Village Manager has prepared a Five Year Capital Plan for the period from 2020 to 2024 in accordance with the requirements of Charter Ordinance No. 3 of the Brown Deer Village Code; and,

WHEREAS, the Village Board has reviewed the proposed revenues from all sources and the proposed expenditures for all purposes and has directed that the proposed budget be adjusted accordingly.

NOW, THEREFORE, BE IT RESOLVED by the Village of Brown Deer Board of Trustees approve the 2020–2024 Five Year Capital Plan and direct the Village Manager to include the 2020 non-debt finance projects in the proposed Annual Budget.

BE IT FURTHER RESOLVED that the Village Manager be directed to take the necessary steps to prepare a future resolution for consideration by the Village Board for the initial resolution to authorize the issuance of debt for the projects identified in 2020 to be financed by a long-term debt instrument.

BE IT FURTHER RESOLVED that the Village Board acknowledges that projects identified outside of the 2020 Annual Budget or a potential debt issuance are projects that could be accomplished or financed in future years and that those future projects will be reviewed and possibly be approved by a future Village Board.

PASSED AND ADOPTED by the Village Board of the Village of Brown Deer this 7th day of October, 2019.

Wanda Montgomery, Village President

Jill Kenda-Lubetski, Village Clerk

VILLAGE OF BROWN DEER

Capital Improvement Plan

2020—2024



Village of Brown Deer Five Year Capital Plan

2020 - 2024

Capital Planning Process

The Village began the capital planning process by summarizing all existing capital assets including equipment, buildings, and infrastructure assets purchased with an individual value more than \$5,000. Department heads then completed a capital needs assessment. One part of that assessment was to review their existing asset inventory and ensure that assets needing replacement during the next five years were requested. Departments were also provided with a listing of capital assets, which had been requested in past years for their review and updates.

Once all capital purchase requests were received, they were split into five groups.

- Non-Debt Financed Purchase Requests
- Debt Financed Purchase Requests
- Stormwater Utility Purchase Requests
- Sanitary Sewer Utility Purchase Requests
- Water Utility Purchase Requests

Non-Debt Financed Purchase Requests

Non-debt financed purchase requests can be thought of as falling into one of three categories annually recurring, smaller dollar purchases or shorter-lived assets. The Village desires to finance those purchases, which recur annually through annual revenues rather than borrowed funds. This method allows for tax rate stabilization and lower debt service payments due to fewer borrowings. The Village also desires not to borrow for lower cost assets as the cost of financing can become too high in comparison to the asset's overall value. In some cases, it is the combination of dollar amount and asset life that result in the asset being shown within this category.

Debt Financed Purchase Requests

Debt financed purchase requests are higher cost, more infrequent purchase requests. Due to the infrequency of purchase, paying for these assets with annual operating funds would lead to a tax rate which fluctuated significantly from one year to the next. In order to maintain tax levy stability, the Village plans to finance these purchases with long term debt.

Stormwater, Sanitary Sewer and Water Utility Purchase Requests

These requests are primarily for infrastructure improvement that relate to one of the Village's utilities. The costs of these assets may be financed through user fees and funds on hand or the issuance of long-term debt. If debt financing is used the debt will be repaid through user fees of that utility, rather than through the general tax levy.

Funding the Requests

Once a comprehensive listing of capital assets was accumulated, the Village began the process of determining how to pay for these purchases. The Village desired to be able to purchase non-debt purchase requests through annual operating revenues such as tax levy and interest income; however, the current level of operating revenues is not sufficient to meet these needs. Village staff reviewed the project requests to verify that they were in line with the Village's overall goals.

Village of Brown Deer Five Year Capital Plan

2020 - 2024

Village staff and board members recognize that delaying capital maintenance and replacement of equipment result in higher future costs and decreased resident service and quality of life. The Village also recognizes that large increases to property taxes are not desirable. In order to meet all of these objectives, the Village designed a funding plan.

This plan uses a combination of reserves on hand, tax levy, and debt service. Reserves on hand were derived from the North Shore Fire Department Asset Sale Fund, the Capital Improvement Fund, and the Equipment Replacement Fund, which have now been combined into the Capital Improvement Fund.

Important Note

Under the 2016-2018 state budget, 2013 Wisconsin Act 20, a municipality is allowed to increase its levy over the amount it levied in the prior year by the percentage increase in equalized value from net new construction. If no new construction occurs in the community, then the allowable levy increase is zero percent. Given the fact Brown Deer has had very little net new construction we must assume a zero percent increase. The cost of providing services in the Village increased due to the following factors:

Inflation – materials, equipment, and services.

Benefits – health, pension, and insurance.

Wages – keeping competitive

Service Demands – citizens ask for more or high service levels.

Unfunded Mandates – federal or state requirements.

These factors and the levy limit freeze may cause the village to increase the amount it borrows in future years. We may need to redirect the levy funds set aside for capital projects back into the general fund causing us to increase the amount we borrow. This needs to be monitored very carefully.

Borrowing Needs

In order to complete the five-year plan, the Village determined the long-term borrowing needs for debt financed projects. The Village would plan to borrow bi-annually to fund the projects through the year 2024. The plan assumes that debt financed projects would average approximately \$1,000,000 per year and continue with a bi-annual debt issue. Sample debt repayment schedules are included.

Because the funding for capital purchases comes from current capital tax levy, future debt service available levy, reserves on hand and future borrowings, it is desirable to see how all these parts come together with all of the projected asset purchases.

Policy Management

The Village's general obligation debt, under State of Wisconsin statutes, is capped at 5% of the Village's equalized value; as of December 31, 2018, the Village's total general obligation debt was at \$33,467,114. The Village's internal debt management policy intends to keep debt within 40% of the limit prescribed by law and total outstanding general obligation debt within 75% of the limit prescribed by law and at levels consistent with the Village's credit objectives and long-term financial. The Village's debt policy also restricts the debt service levy to less than 25% of the total operating revenue. The village will keep the maturity of all outstanding general obligation bonds at or below 20 years. Based on the proposed

**Village of Brown Deer
Five Year Capital Plan**

2020 - 2024

borrowings and repayment schedules the Village will be in compliance with these policies. The Village's debt management and capital asset policies are included in the appendices.

Project Description	Project Number	2019 Project Requests	GO Debt	Property Tax Levy	Unfunded Requests	Actual
Available Funds			\$1,165,000	\$372,000		
Community Services						
Cracksealing	CS-19-01	\$20,000	\$20,000			\$20,000
Re-Paving Program	CS-19-02	\$500,000	\$500,000			\$500,000
API Park (Clean up and Planning)	CS-19-03	\$75,000	\$75,000			Repurpose
Green Bay / Brown Deer Streetscape	CS-19-04	\$50,000	\$50,000			\$50,000
Digital Files	CS-19-05	\$17,000		\$17,000		
Sidewalk Connect		\$225,000			\$225,000	
Police Department						
Police Vehicles	PD-19-01	\$120,000		\$120,000		\$120,000
Body Armor	PD-19-02	\$14,000		\$14,000		\$14,000
Squad Video Cameras	PD-19-03	\$30,000		\$30,000		\$30,000
Automatic License Plate Reader		\$18,000			\$18,000	
Fire Department						
Annual contribution for capital	FD-19-01	\$208,144	\$208,144			\$208,144
Dispatch Center						
Annual contribution for capital	DC-19-01	\$28,000	\$28,000			\$28,000
Manager's Office						
Computer replacement program	MO-19-01	\$12,000		\$12,000		\$12,000
Window Replacement	MO-19-02	\$15,000		\$15,000		Repurpose
Door Frame Replacement	MO-19-03	\$6,000		\$6,000		Repurpose
Library						
		\$0				
Park and Recreation						
Community Center Painting Interior	PR-19-01	\$5,000		\$5,000		Pending
Fairy Chasm Ball Diamond	PR-19-02	\$5,000		\$5,000		\$0
Pond Valve	PR-19-03	\$3,000		\$3,000		\$6,988
Public Works						
Tractor Replacement	PW-19-01	\$60,000		\$60,000		\$60,000
Skidsteer	PW-19-02	\$65,000		\$65,000		\$65,000
Beautification Projects	PW-19-03	\$5,000			\$5,000	\$5,000
Shop Tools & Equipment	PW-19-04	\$15,000			\$15,000	\$15,000
Emerald Ash Borer Treatment	PW-19-05	\$20,000		\$20,000		\$20,000
Total		\$1,516,144	\$881,144	\$372,000	\$263,000	\$1,154,132

Project Description	Project Number	2020 Project Requests	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$4,261,262	\$372,000	\$11,000	
Community Services						
Crack sealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
API Park		\$100,000				\$100,000
Sidewalk Project Teutonia		\$225,000				\$225,000
Sidewalk Project 51st street		\$500,000				\$500,000
Police Department						
Police Vehicles		\$105,000		\$105,000		
Police Equipment		\$65,000		\$20,000		\$45,000
Fire Department						
Annual contribution for capital		\$211,262	\$211,262			
Dispatch Center						
Annual contribution for capital		\$30,000	\$30,000			
Manager's Office						
Computer replacement program		\$12,000		\$12,000		
Computer Servers and Software		\$69,500		\$69,500		
Window & Door Replacement (101)		\$5,500		\$5,500		
Window Replacement (Village Hall)		\$25,000		\$25,000		
LED Light Replacement (Village Hall)		\$15,000		\$15,000		
Boiler Replacement		\$50,000		\$50,000		
Library						
New Library		\$3,500,000	\$3,500,000			
Park and Recreation						
Pond Chairs and Umbrellas		\$5,000			\$5,000	
Park Trash Can Replacement		\$6,000			\$6,000	
Public Works						
3/4 Ton Patrol Truck (Truck # 73)		\$40,000		\$40,000		
Beautification Projects		\$5,000		\$0		\$5,000
Shop Tools & Equipment		\$15,000		\$10,000		\$5,000
Emerald Ash Borer Treatment		\$25,000		\$20,000		\$5,000
Total						
		\$5,529,262	\$4,261,262	\$372,000	\$11,000	\$885,000
Balance						
			\$0	\$0	\$0	

Project Description	Project Number	2021 Total Project Cost	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$767,604	\$372,000		
Community Services						
Cracksealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
County Line Road (Joint project)		\$30,000		\$30,000		
Police Department						
Police Vehicles		\$135,000		\$135,000		
Police Equipment		\$85,000		\$85,000		
Fire Department						
Annual contribution for capital		\$212,604	\$212,604			
Dispatch Center						
Annual contribution for capital		\$35,000	\$35,000			
Manager's Office						
Computer replacement program		\$12,000		\$12,000		
Window Replacement		\$25,000		\$25,000		
Library						
		\$0				
Park and Recreation						
Public Works						
Patrol Truck Pick-Up Crew No. 74		\$40,000		\$40,000		
Beautification Projects		\$5,000		\$5,000		
Shop Tools & Equipment		\$15,000		\$15,000		
Emerald Ash Borer Treatment		\$25,000		\$25,000		
Total						
		\$1,139,604	\$767,604	\$372,000	\$0	\$0
Balance						
			\$0	\$0	\$0	

Project Description	Project Number	2022 Total Project Cost	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$4,073,000	\$372,000		
Community Services						
Cracksealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
County Line Road (Joint project)		\$300,000	\$300,000			
Bradley Rd (East) RR Tracks - STH 57		\$500,000	\$500,000			
Green Bay / Brown Deer Streetscape		\$2,500,000	\$2,500,000			
API Park		\$130,000		\$130,000		
Police Department						
Police Vehicles		\$110,000		\$110,000		
Police Equipment		\$50,000		\$50,000		
Fire Department						
Annual contribution for capital		\$214,000	\$214,000			
Dispatch Center						
Annual contribution for capital		\$39,000	\$39,000			
Manager's Office						
Window Replacement		\$20,000		\$20,000		
Computer replacement program		\$12,000		\$12,000		
Library						
		\$0				
Park and Recreation						
Public Works						
Beautification Projects		\$10,000		\$10,000		
Shop Tools & Equipment		\$15,000		\$15,000		
Emerald Ash Borer Treatment		\$25,000		\$25,000		
Total						
		\$4,445,000	\$4,073,000	\$372,000	\$0	\$0
Balance						
			\$0	\$0	\$0	

Project Description	Project Number	2023 Total Project Cost	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$778,000	\$372,000		
Community Services						
Cracksealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
Sidewalk Project		\$120,000		\$120,000		
Police Department						
Police Vehicles		\$145,000		\$145,000		
Police Equipment		\$35,000		\$35,000		
Fire Department						
Annual contribution for capital		\$216,000	\$216,000			
Dispatch Center						
Annual contribution for capital		\$42,000	\$42,000			
Manager's Office						
Window Replacement		\$15,000		\$15,000		
Computer replacement program		\$12,000		\$12,000		
Library						
		\$0				
Park and Recreation						
Public Works						
Beautification Projects		\$5,000		\$5,000		
Shop Tools & Equipment		\$15,000		\$15,000		
Emerald Ash Borer Treatment		\$25,000		\$25,000		
Total						
		\$1,150,000	\$778,000	\$372,000	\$0	\$0
Balance						
			\$0	\$0	\$0	

Project Description	Project Number	2024 Total Project Cost	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$778,000	\$372,000		
Community Services						
Cracksealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
Police Department						
Police Vehicles		\$115,000		\$115,000		
Police Equipment		\$20,000		\$20,000		
Fire Department						
Annual contribution for capital		\$216,000	\$216,000			
Dispatch Center						
Annual contribution for capital		\$42,000	\$42,000			
Manager's Office						
Window Replacement		\$15,000		\$15,000		
Computer replacement program		\$12,000		\$12,000		
Library						
		\$0				
Park and Recreation						
Public Works						
Bucket Truck		\$110,000		\$110,000		
Beautification Projects		\$5,000		\$5,000		
Shop Tools & Equipment		\$15,000		\$15,000		
Emerald Ash Borer Treatment		\$25,000		\$25,000		
Total						
		\$1,095,000	\$778,000	\$317,000	\$0	\$0
Balance						
			\$0	\$55,000	\$0	

Community Development Projects

FY 2020-2024 Capital Improvement Plan

Project Description

Project #: DPW/19-23 **Department:** Public Works/Engineering

Project Name: Cracksealing

Total Project Cost: \$20,000 **Estimated Life of Project:** 7 years

Expenditure Detail:

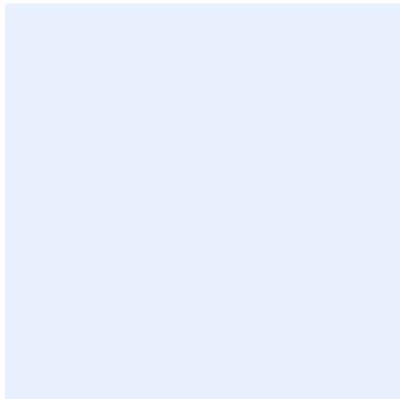
Year	2020	2021	2022	2023	2024
Budget	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: As part of the Village’s annual street repaving program we also seek to crackseal streets throughout the Village in order to help extend the useful life of the roadway surface. The cracksealing takes place on many streets throughout the Village as determined based on roadway ratings monitored by Engineering Staff.

Project Justification: Cracksealing is done to help preserve the life of asphalt roadways so that it does not need to be repaved as often.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: DPW/20-02

Department: Public Works

Project Name: Bradley Road (East) – RR Tracks. to N. Green Bay Road/STH 57

Total Project Cost: \$500,000 **Estimated Life of Project:** 25 years

Expenditure Detail:

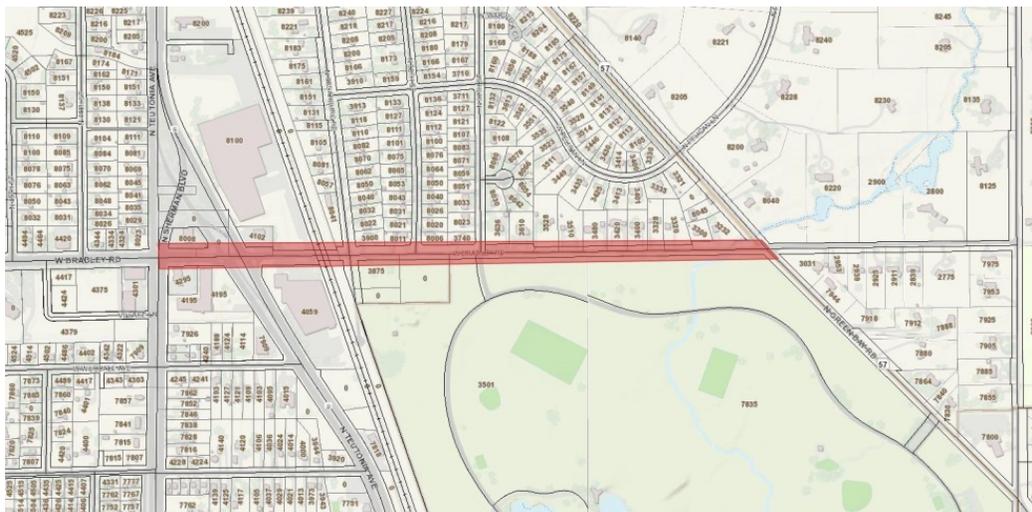
Year Budget	2020	2021	2022	2023
	\$		\$500,000	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: This proposal calls for the pavement on W. Bradley Road to be replaced and ditching or curbing to be corrected/repaired along the length of the project from RR tracks to N. Green Bay Road/STH 57. A paved shoulder along both sides of the road is being considered to help accommodate cyclists and those seeking to enter into Brown Deer Park. Also, as a part of the project the Village is seeking to replace a failing culvert that serves Brown Deer Park Creek and goes underneath the roadway near N. Green Bay Road.

Project Justification: This section of W. Bradley Road is starting to fail and is in need of repair. Additionally, the paved section of roadway is rather narrow for current volumes and adding a paved should provide some relief. The project shares a boundary with the City of Milwaukee and coordination will be required with the City. At this point the Village is expecting to cover all costs for this project as it falls under Village responsibility in a joint maintenance agreement with the City. Engineering and design would take place in 2019 led by the City of Milwaukee with construction in 2020.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan Project Description

Project #: CSD **Department:** Community Services

Project Name: Teutonia/Sherman sidewalk connection

Total Project Cost: \$225,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

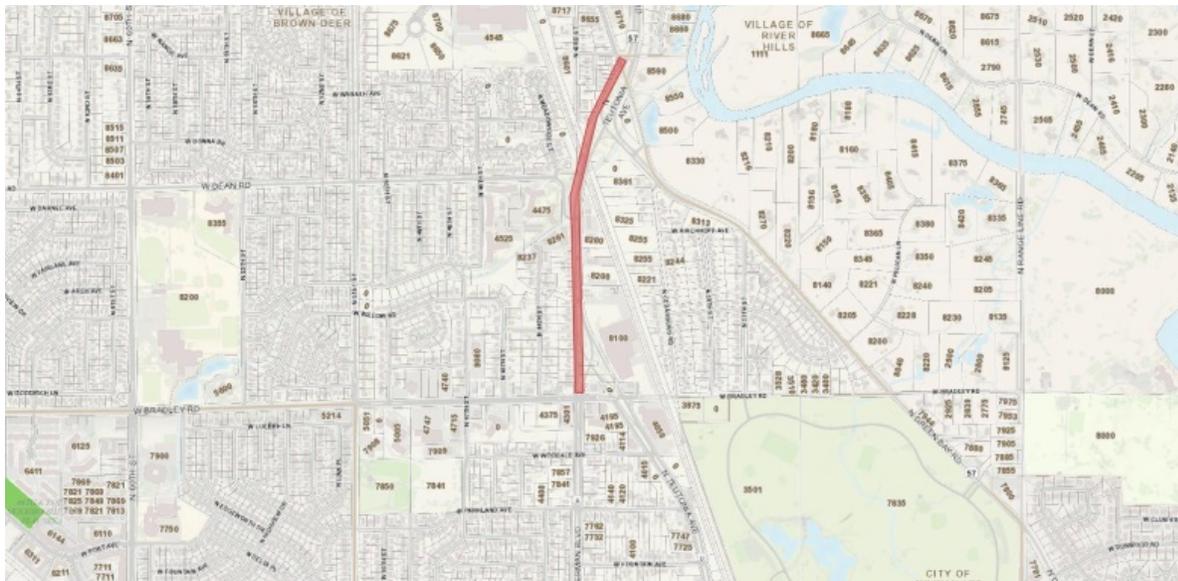
Year Budget	2020	2021	2022	2023	2024
	\$225,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: This proposal would help to complete a significant gap in the existing pedestrian network by installing new sidewalk section along Teutonia Avenue/Sherman Blvd. from Ruth Place to Bradley Road. This effort is consistent with the Village Board approved sidewalk improvement plan.

Project Justification: Brown Deer’s system of sidewalks is disjointed and inconsistent. By filling in the gaps in this network resident mobility and safety will be significantly improved. Furthermore, the sidewalk extensions will help to promote economic development by more readily connecting consumers with area businesses. Other current gaps in the network will be addressed by the Wisconsin Department of Transportation projects along Green Bay and Brown Deer Roads in 2021 and 2023 respectively.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan

Project Description

Project #: **Department:** Manager's Office

Project Name: API site 1st stage renovation

Total Project Cost: \$100,000

Expenditure Detail:

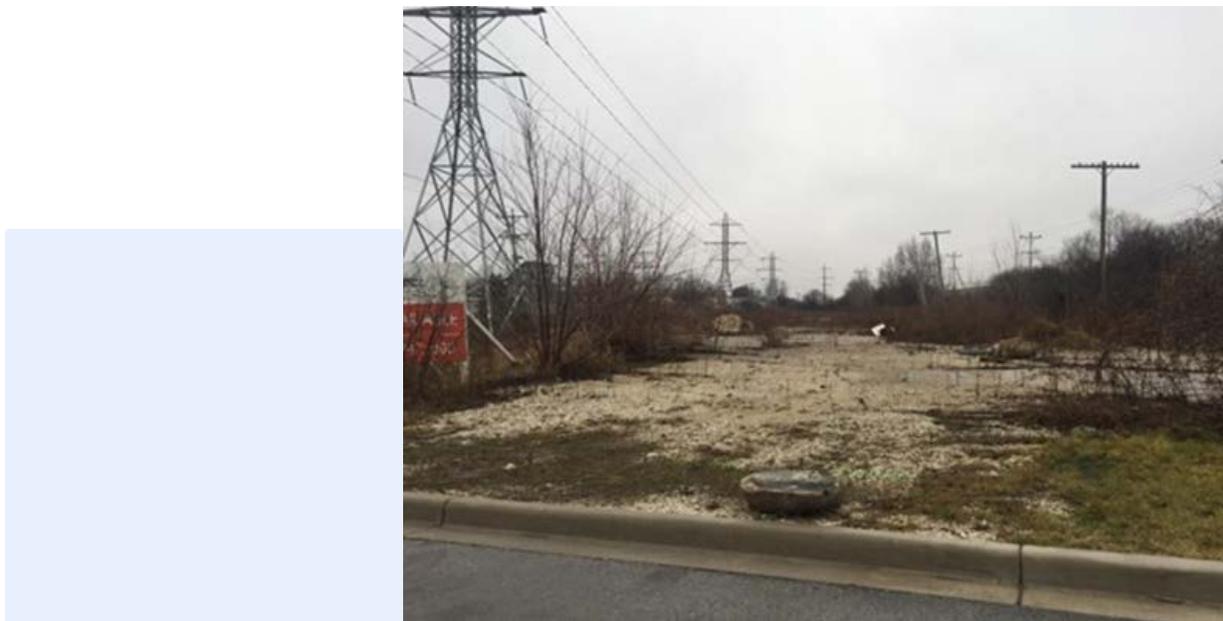
Year	2020	2021	2022	2023	2024
Budget	100,000				

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: This is for the API site landscape plan stage 1. Currently we are going through the process of developing a site plan, but this is an estimate of what the first stage would be.

Project Justification: This property has been vacant for over 15 years and is an eyesore for the community. We are in the process of developing a site plan for this location. Once a plan has been chosen, we would like to continue the project by splitting it up into phases to start beautifying the location. The first stage would include a cleanup of the original site.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan Project Description

Project #: CSD **Department:** Community Services

Project Name: 51st Street Sidewalks

Total Project Cost: \$500,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

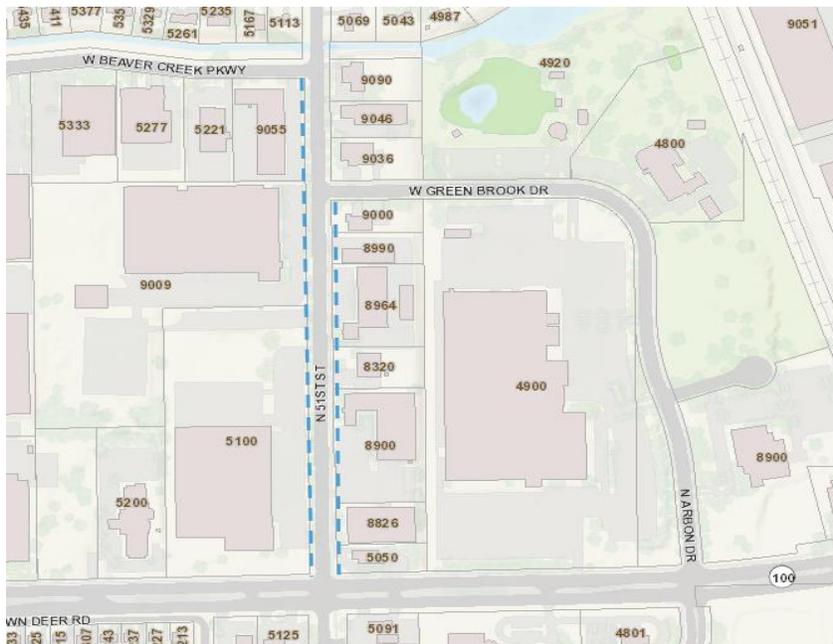
Year Budget	2020	2021	2022	2023	2024
	\$500,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: This proposal would address concerns from businesses on the west side of 51st Street for safer pedestrian access and repair the east side sidewalk. This effort is consistent with the Village Board approved sidewalk improvement plan.

Project Justification: Business owners have identified pedestrian safety as a key issue on the west side of the street and the sidewalk on the east side needs repair.

Project Picture / Map:



Police Department Projects

FY 2020-2024 Capital Improvement Plan Project Description

Project #: PD20-01 **Department:** POLICE/VILLAGE

Project Name: POLICE VEHICLE REPLACEMENT

Total Project Cost: \$105,000 **Estimated Life of Project:** FIVE YEARS

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	105,000	135,000	110,000	145,000	115,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Police squad car replacement-purchase two marked Ford Interceptor SUV’s and related equipment.

Project Justification: Replacement of the squads is part of the regular rotation due to mileage, use, technology and equipment updates and changes. Two patrol vehicles one of which will serve as a K-9 transport.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan Project Description

Project #: PD-20-3 **Department:** POLICE/VILLAGE

Project Name: PUBLIC SAFETY ENHANCEMENT

Total Project Cost: 20,000.00 **Estimated Life of Project:** FIVE YEARS

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	\$20,000	\$35,000	\$20,000	\$35,000	\$20,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Purchase Body Armor for Officers (9), Purchase Motorola Li-Poly batteries for Officer handheld radios (20), and (4) TASERS.

Project Justification: As part of the bullet resistant vest replacement program, nine officer vests are scheduled to be replaced due to their end of effective service life (five years) \$8,000. The Motorola Li-Poly battery has a limited number of charges and last approx. 3 years, after reaching this point the batteries no longer hold a charge throughout an officer’s shift and thus need to be replaced. 20 batteries would be purchased this year at a cost of \$4000. The Department issues TASER units to individual officers and three need to be replaced \$8,000.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan Project Description

Project #: PD 20-02 **Department:** POLICE/VILLAGE

Project Name: Lower Level Remodel

Total Project Cost: \$45,000

Expenditure Detail:

Year Budget	2020	2021	2022	2023	2024
	\$45,000	\$0	\$0	\$0	\$0

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Funds will be used to complete remodeling and furnishing areas not originally included in the original 2019 DPW/Village Hall remodeling project. Included in this would be painting and carpet removal and replacement in the old recreation department (\$15,000), furniture/office equipment (\$10,000), window treatments (\$2,000), lockers to house officer duty bags and rifles (\$12,000), matting for DAAT training room (\$6,000), and electrical work (\$5,000).

Project Justification: The lower level of the Police Department was not designed for police operations. This remodel will update the lower level for use by the investigative bureau and allow DAAT training to be held locally. Furnishing interview rooms will provide a comfortable environment for victim/witness interviews.

Project Picture / Map:



Manager's Office Projects

FY 2020-2024 Capital Improvement Plan Project Description

Project #: [Click here to enter text.](#) **Department:** Manager's Office

Project Name: Computer Replacement

Total Project Cost: \$12,000 per year

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	12,000	12,000	12,000	12,000	12,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Typically four computers are replaced with the remaining funds going to any software or other upgrades that may be appropriate with the new PC, for example; key boards, mice, monitors, etc. The monetary breakdown would be \$7,000 for Village Hall and DPW and \$5,000 for the Police Department.

Project Justification: The workstations must be updated to ensure they remain in proper working order and to address changes in technology. The program replaces and upgrades aging computer workstation as they become out of date

Project Picture / Map:



DL360 Gen10

Description		Price	Qty	Ext. Price
HPE Solution Server ProLiant DL360 Gen10 Intel Xeon-S 4110 8-Core (2.10GHz 11MB) 16GB (1 x 16GB) DDR4 2666MHz RDIMM 8 x Hot Plug 2.5in Small Form Factor Smart Carrier Smart Array P408i-a No Optical 2 x 500W		\$1,679.00	2	\$3,358.00
HPE DL360 Gen10 Intel Xeon-S 4110 8-Core (2.10GHz 11MB L3 Cache) Processor Kit		\$599.00	2	\$1,198.00
HPE 16GB (1x16GB) Dual Rank x8 DDR4-2666 CAS-19-19-19 Registered Memory Kit		\$179.00	14	\$2,506.00
HPE 32GB microSD Enterprise Mainstream Flash Media Kit		\$129.00	2	\$258.00
HPE StoreFabric SN1100Q 16Gb 2-Port Fibre Channel Host Bus Adapter		\$1,249.00	2	\$2,498.00
HPE iLO Advanced Electronic License with 1yr Support on iLO Licensed Features		\$249.00	2	\$498.00
HPE 5 Year Foundation Care 24x7 with DMR DL360 Gen10 Service		\$4,499.00	2	\$8,998.00
			Subtotal:	\$19,314.00

MSA2052 SAN

Description		Price	Qty	Ext. Price
HPE MSA 2052 SAN Dual Controller SFF Storage		\$7,299.00	1	\$7,299.00
HPE MSA 16Gb Short Wave Fibre Channel SFP+ 4-Pack Transceiver		\$849.00	2	\$1,698.00
HPE MSA 800GB 12G SAS Mixed Use SFF (2.5in) 3yr Warranty Solid State Drive		\$2,879.00	2	\$5,758.00

MSA2052 SAN

Description		Price	Qty	Ext. Price
HPE MSA 2.4TB 12G SAS 10K 2.5-inch 512e Hard Drive		\$849.00	11	\$9,339.00
HP OM3 Fiber Channel Cable - LC Male - LC Male - 6.56ft		\$59.00	4	\$236.00
HPE 5 Year Foundation Care Call-To-Repair with DMR MSA 2052 Storage Service		\$7,499.00	1	\$7,499.00
			Subtotal:	\$31,829.00

Microsoft Volume Licensing

Description		Price	Qty	Ext. Price
Note: 2 Hosts, 16 cores per host, 4 Newly licensed VMs				
Microsoft Windows Server 2019 Standard - License - 2 Core - Microsoft Qualified, Volume, Local Government - Microsoft Open License for Government - English - PC		\$102.00	32	\$3,264.00
Microsoft Windows Server 2019 - License - 1 Device CAL - Local Government, Volume - Microsoft Open License for Government - English - PC		\$23.00	81	\$1,863.00
			Subtotal:	\$5,127.00

Services

Description		Price	Qty	Ext. Price
Estimated Installation & Configuration: 100 Hours <i>Note: this is a time estimate that will be invoiced separately during our semi-monthly billing for actual time of service.</i>		\$130.00	100	\$13,000.00
			Subtotal:	\$13,000.00

Budgetary - Virtual Server Cluster Refresh/Server Upgrades

Quote Information: Prepared for:
 Quote #: 004674 Village of Brown Deer
 Version: 4800 W Green Brook Dr
 Delivery Date: Brown Deer, WI 53223
 Expiration Date: Erin Hirn
 (414) 371-3052
 ehirn@browndeerwi.org

Prepared by:

 Ontech Systems Inc.
 Hope Drews
 (262) 522-8560
 hope.drews@ontech.com

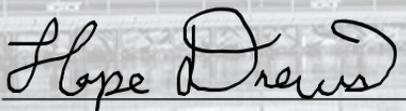
Quote Summary

Description	Amount
DL360 Gen10	\$19,314.00
MSA2052 SAN	\$31,829.00
Microsoft Volume Licensing	\$5,127.00
Services	\$13,000.00
Total: \$69,270.00	

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.
 Invoice to follow, please do not pay from quote.

Ontech Systems Inc.

Village of Brown Deer

Signature: 

Name: Hope Drews
 Title: Inside Sales
 Date: 08/02/2019

Signature:
 Name: Erin Hirn
 Date:

FY 2020-2024 Capital Improvement Plan Project Description

Project #: [Click here to enter text.](#) **Department:** Manager's Office

Project Name: New Window & Door Frame Replacement

Total Project Cost: \$5,300

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	5,300	Click here to enter text.			

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: The window and door frame connected to room 101 needs to be replaced.

Project Justification: The window and door frame is deteriorating from rust.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: [Click here to enter text.](#) **Department:** Manager's Office

Project Name: Window Replacement

Total Project Cost: \$75,000

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	25,000	25,000	25,000	Click here to enter text.	

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: The windows need to be replaced in the police department, health department, inspection department, water department, and engineering department.

Project Justification: The windows are leaking in between the glass and are less energy efficient.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: [Click here to enter text.](#) **Department:** Manager's Office

Project Name: LED Light Replacement

Total Project Cost: \$50,000

Expenditure Detail:

Year	2019	2020	2021	2022	2023
Budget	15,000	Click here to enter text.			

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Replace all existing lights in the building with LED lights.

Project Justification: Since most light within Village Hall are original to the initial construction there have become more ways to become energy efficient cost saving. If we changed to LED light we would see significant cost savings and the project would more than pay for itself in 3 years.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan

Project Description

Project #: [Click here to enter text.](#)

Department: Manager's Office

Project Name: Boiler Replacement

Total Project Cost: \$60,000

Expenditure Detail:

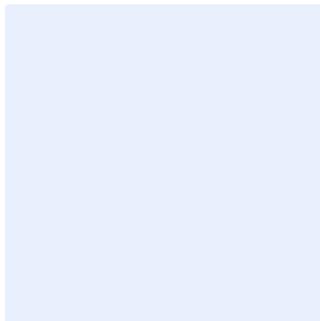
Year	2020	2021	2022	2023	2024
Budget	60,000	Click here to enter text.			

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: A boiler in Village Hall needs to be replaced within the next 3 years.

Project Justification: The boiler which needs to be replaced was originally installed in 1994. The typical life of a boiler is 25-30 years. Once replaced, we will see a great deal of energy efficiency. Currently the boiler is working; however there have been a couple costly issues this year that have required replacing parts of the boiler.

Project Picture / Map:



Library Projects

FY 2019-2023 Capital Improvement Plan Project Description

Project #: LIB/20/1 **Department:** Library

Project Name: New Library Building

Total Project Cost: \$3,500,000

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	3,500,000	Click here to enter text.			

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Renovating the property purchased by the Village of Brown Deer located at 4301 W. Brown Deer Road. The renovation would transform all three floors of the building into new library space, which would include an expanded collection area, multiple community and study spaces, a café, seating areas, more functional staff areas, and a larger technology center. library to the Original Village. In addition, the new Mill library, located in Milwaukee, is being built closer created

Project Justification: The current library has become outdated. There are 3 main reason for this project.

- 1. Expenditures exceeding revenues** – The expenditures every year have been increasing but the revenues for the library have remained stagnant since 2011 because of state law. The library has tried many different things to reduce the expenditures including reducing the hours and employees. The current library director even took a reduction in pay from the last library director to save money. These types of solutions are not substantiable. The Village needed to find more revenue or reduce services further. The new building is a mixed-use building with an active tenant to help with revenue.
- 2. Infrastructure needs** – The current library needs infrastructure upgrades. These upgrades include but not limited to the roof, the windows, the carpet, and many other items. The current library is lacking sufficient meeting spaces, a proper children’s section, more programing areas, automatic check out, and other amenities. The changes would add approximately 12,000 square feet of additional space to the current approximately 13,000 square feet of library space. This would nearly double the current library space.
- 3. The location of the current library** – The Comprehensive Plan, which was developed with multiple stakeholders in the community and public meetings spanning over a year, suggested the following: In section 5.4.2 Brown Deer Library “The library was originally located on the school campus to serve as a research center for students. However, now that many resources are available on the internet, it is no longer imperative for the library to be located in immediate proximity to the schools. Chapter 7 also talks about relocating the library to the Original Village. In addition, the new Mill library, located in Milwaukee, is being built closer creating more competition.



Park
And
Recreation
Projects

FY 2020-2024 Capital Improvement Plan Project Description

Project #: PR 20-01 **Department:** Park and Recreation

Project Name: Pond Chaise Lounges and Table Umbrellas

Total Project Cost: \$5000.00

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	5,000.00				

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Purchase new and replace existing chaise lounges a long with purchasing table umbrellas for the three octagonal tables.

Project Justification: Chaise lounges and umbrellas will improve the pond experience and provide additional shade for people to sit at or enjoy their purchases from the concession stand.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan Project Description

Project #: PR 20-02 **Department:** Park and Recreation

Project Name: Village Park & Fairy Chasm Park Trash Can Replacement

Total Project Cost:

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	\$6,000.0				

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Replace the deteriorating trash cans in Village Park (8) and Fairy Chasm Park (4).

Project Justification: In recent years the metal frames have begun to fall apart, and the wood is also deteriorating. New trash cans will be made of premium recycle plastic products. Cans will be mounted on a post like the existing ones in the park.

Project Picture / Map:



**Department
Of
Public
Works
Projects**

FY 2019-2023 Capital Improvement Plan Project Description

Project #: DPW/20/01 **Department:** Public Works

Project Name: ¾ Ton Patrol Truck 4x4 Pick-Up w/ Crew Cab Replacement (No. 73)

Total Project Cost: \$40,000 **Estimated Life of Project:** 13-years

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	\$40,000		\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: DPW is requesting a new ¾-ton 4x4 pick-up truck with crew cab and full bed/lift gate to replace the existing truck (Truck No. 73) due to age, rising maintenance costs, availability of parts, safety to public and driver. The vehicle will be purchased through the VALUE/State Contract. The expected life of the requested vehicle is 13-years. The vehicle is used daily in all operations. The age of item to be replaced is 15 years in 2020. The annual maintenance costs are \$1,000 + labor due to the poor condition. The existing vehicle will be auctioned using the State of Wisconsin surplus website. The estimated sold amount is \$15,000. The estimated cost of the new vehicle was determined from recent bid history for this type of equipment.

Project Justification: Multi-purpose pick-up truck used in all operations/divisions at DPW.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan Project Description

Project #: DPW/19-23/A **Department:** Public Works

Project Name: All Shop Tools & Equipment

Total Project Cost: \$15,000 **Estimated Life of Project:** 10-years

Expenditure Detail:

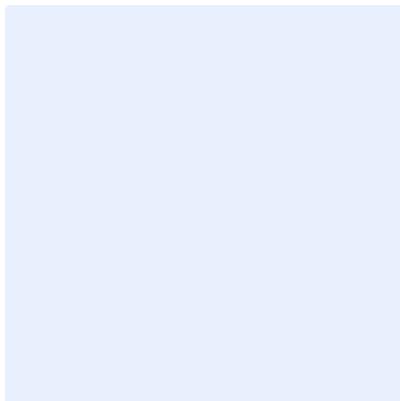
Year	2020	2021	2022	2023	2024
Budget	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: General small shop tools and shop equipment for purchase/replacement in 2018 through 2022 includes: Power Drills, Pavement Saws, and Miscellaneous Shop Equipment.

Project Justification: The equipment is requested for replacement of aging existing equipment. The existing equipment is outdated and in some cases non-functional. Maintenance costs are exceeding the costs of replacement.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan

Project Description

Project #: DPW/19-23/D **Department:** Public Works

Project Name: Beautification Projects

Total Project Cost: \$5,000 **Estimated Life of Project:** 1-year

Expenditure Detail:

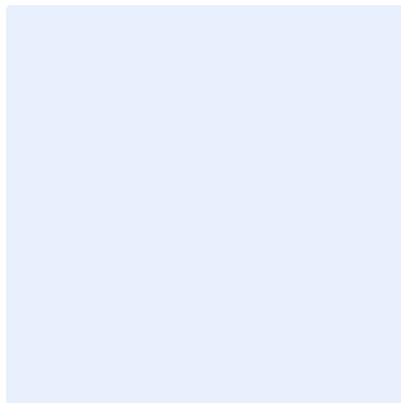
Year	2019	2020	2021	2022	2023
Budget	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: During the summer months (May thru September) DPW undertakes several Beautification projects throughout the Village. Beautification include: Planter bed replacements, Perennial planting, Shrub planting, Tree planting, Landscaping stone (river stone), and mulching at the Village Hall, Library and all median planter beds (includes edge trimmer).

Project Justification: One of the Village goals is to be a “Beautiful Suburban Community”.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: DPW/19-23/C **Department:** Public Works

Project Name: Emerald Ash Borer (EAB) Treatment

Total Project Cost: \$50,000 (\$25K Grants) **Estimated Life of Project:** 2-year

Expenditure Detail:

Year	2019	2020	2021	2022	2023
Budget	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Emerald Ash Borer (EAB) has been detected and is present within the Village. In order to preserve the existing ash tree canopy DPW will be administering trunk injected chemical treatments throughout the Village’s ash tree population. The chemical treatments are administered on a 3-year cycle. Village roadways with a large ash tree population (i.e. W. Pierner Place) will be given priority. DPW will apply for Urban Forestry Grants (UFG) from the WDNR to help offset costs. The UFGs participates \$25,000 matching funds towards the project. However, the grant is competitive. The Village has been successful in securing funding in 2013, 2014, and 2017.

The WDNR grant activities include, but are not limited to:

- Emerald Ash Borer (EAB) Survey & Treatment
- Tree Removal
- Tree Re-Planting
- Ordinance Revisions
- Public Education & Outreach

Project Justification: Save the existing ash tree canopy.

Project Picture / Map:

FY 2019-2023 Capital Improvement Plan Project Description

Project #: DPW/19-23/G **Department:** Public Works

Project Name: Re-Paving Program

Total Project Cost: 500,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2019	2020	2021	2022	2023
Budget	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: This Program addresses failing pavements that are primarily local residential streets that see mostly light traffic throughout the day. The rehabilitation consists of asphalt pulverization and asphalt relay. This method has served the Village well for approximately 20 years and produces a useful pavement life of about 30 years under normal conditions and proper maintenance by crack-sealing the pavement (separate CIP item).

Project Justification: Pavement replacement is essential to ensure safe passage of vehicles. Pavement replacement within the 30-year life cycle ensures greater costs are avoided at later dates due to deteriorated pavement structures.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: DPW/21/01 **Department:** Public Works

Project Name: ¾ Ton Patrol Truck (4x4 Pick-Up) Replacement (No. 74) w/ Plow & Lift Gate

Total Project Cost: \$40,000 **Estimated Life of Project:** 13-years

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	\$	\$40,000		\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: DPW is requesting a new ¾-ton 4x4 pick-up truck with lift gate to replace the existing truck (Truck No. 74) due to age, rising maintenance costs, availability of parts, safety to public and driver. The vehicle will be purchased through the VALUE/State Contract. The expected life of the requested vehicle is 13-years. The vehicle is used daily in all operations and is critical during winter operations. The age of item to be replaced is 14 years in 2018. The annual maintenance costs are \$1,000 + labor due to the poor condition. The existing vehicle will be auctioned using the State of Wisconsin surplus website. The estimated sold amount is \$15,000. The estimated cost of the new vehicle was determined from recent bid history for this type of equipment.

Project Justification: Critical equipment for all operations/divisions at DPW.

Project Picture / Map:



FY 2018-2022 Capital Improvement Plan Project Description

Project #: DPW/21-02 **Department:** Public Works

Project Name: W. County Line Road Reconstruction (from RR Tracks to N. Green Bay Road/STH 57)

Total Project Cost: \$330,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	\$	\$30,000	\$300,000		\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: This proposal calls for the pavement on W. County Line Road from RR tracks/Oak Leaf Trail to N. Green Bay Road/STH 57 to be replaced in a joint project with the City of Mequon. The typical section will mirror the stretch of County Line to the west from N. 67th Street to the RR tracks. Mequon has agreed in principal to cost-share on this project, and to be the lead agency. This section of W. County Line Road is rated as “poor”. The City of Mequon has taken the initiative to design and bid this project. Because W. County Line Road is a border street (down the center) with Mequon for the entire length of this project, the costs for design and construction will be split in half (50/50).

Project Justification: Pavement replacement is essential to ensure safe passage of vehicles. Pavement replacement within the 30-year life cycle ensures greater costs are avoided at later dates due to deteriorated pavement structures.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: DPW/23/01 **Department:** Public Works

Project Name: Bucket Truck Replacement

Total Project Cost: \$110,000 **Estimated Life of Project:** 10-years

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	\$	\$	\$	\$	\$110,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: As the trees planted in the 1990’s continue to grow a small bucket truck is required for pruning. The department will still need to rent a larger bucket truck, but this will be diminished since the smaller truck can be used for the lower portions of large trees. The potential addition of banners on Bradley Road and the holiday wreaths in the Original Village requires the need for a small bucket or lift truck for installation, changes, removal and maintenance. DPW is requesting the purchase of a 1 ton + chassis with utility body and 30 foot bucket for tree trimming of small trees, maintenance of light fixtures and banners.

Project Justification: The bucket truck is an important piece of equipment used during forestry operations and used for banner/holiday decoration hanging.

Project Picture / Map:



Enterprise Funds Projects

Project Description	Project Number	2020 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
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Sewer Projects

Inflow/Infiltration Control	SAN/20/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/20/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/20/03	\$150,000		\$150,000		
Generator	SAN/20/04	\$40,000	\$40,000			
Sewer Total		\$615,000	\$240,000	\$250,000	\$0	\$125,000

StormWater Projects

Ditch Rehabilitation Program	STM/20/01	\$200,000	\$200,000			
Topsoil Screener Replacement	STM/20/02	\$100,000	\$100,000			
Bradley Road Box Culvert	STM/18/02	\$25,000				\$25,000
Brooklane Basin (Dean rd. to 47th)	STM/19/04	\$25,000				\$25,000
StormWater Total		\$200,000	\$300,000	\$0	\$0	\$50,000

Water Projects

Main Relays	WAT-004	\$230,000			\$80,000	\$150,000
Water Standpipe Maintenance	WAT-004	\$50,000	\$50,000			
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Meter Vault Upgrade - 43rd Street	WAT-015	\$75,000	\$75,000			
Water Total		\$420,000	\$190,000	\$0	\$80,000	\$150,000

Total Debt \$325,000

Project Description	Project Number	2021 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
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Sewer Projects

Inflow/Infiltration Control	SAN/20/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/20/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/20/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000

StormWater Projects

Ditch Rehabilitation Program	STM/20/01	\$200,000	\$200,000			
Churchill Basin Naturalization	STM/18/02	\$25,000				\$25,000
Brooklane Basin (Dean rd. to 47th)	STM/19/04	\$200,000				\$200,000
Bradley Road Box Culvert	STM/18/02	\$175,000				\$175,000
StormWater Total		\$200,000	\$200,000	\$0	\$0	\$400,000

Water Projects

Main Relays	WAT-004	\$300,000			\$150,000	\$150,000
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Dump truck repair	WAT-013	\$3,000	\$3,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Water Total		\$368,000	\$68,000	\$0	\$150,000	\$150,000

Total Debt \$675,000

Project Description	Project Number	2022 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
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Sewer Projects

Inflow/Infiltration Control	SAN/21/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/21/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/21/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000

StormWater Projects

Ditch Rehabilitation Program	STM/21/01	\$200,000	\$200,000			
Topsoil Screener Replacement	STM/21/02	\$100,000	\$100,000			
Churchill Basin Naturalization	STM/18/02	\$200,000				\$200,000
StormWater Total		\$200,000	\$300,000	\$0	\$0	\$0

Water Projects

Main Relays	WAT-004	\$125,000				\$125,000
Water Standpipe Maintenance	WAT-004	\$500,000			\$500,000	
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Water Total		\$690,000	\$65,000	\$0	\$500,000	\$125,000

Total Debt \$250,000

Project Description	Project Number	2023 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
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Sewer Projects

Inflow/Infiltration Control	SAN/21/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/21/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/21/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000

StormWater Projects

Ditch Rehabilitation Program	STM/21/01	\$200,000	\$200,000			
Topsoil Screener Replacement	STM/21/02	\$100,000	\$100,000			
StormWater Total		\$200,000	\$300,000	\$0	\$0	\$0

Water Projects

Main Relays	WAT-004	\$280,000				\$280,000
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Water Total		\$345,000	\$65,000	\$0	\$0	\$280,000

Total Debt \$405,000

Project Description	Project Number	2024 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
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Sewer Projects

Inflow/Infiltration Control	SAN/21/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/21/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/21/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000

StormWater Projects

Ditch Rehabilitation Program	STM/21/01	\$200,000	\$200,000			
Topsoil Screener Replacement	STM/21/02	\$100,000	\$100,000			
StormWater Total		\$200,000	\$300,000	\$0	\$0	\$0

Water Projects

Main Relays	WAT-004	\$280,000				\$280,000
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Water Total		\$345,000	\$65,000	\$0	\$0	\$280,000

Total Debt \$405,000

FY 2019-2023 Capital Improvement Plan

Project Description

Project #: STM/20/01 **Department:** Public Works

Project Name: Brooklane Basin Naturalization

Total Project Cost: \$200,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

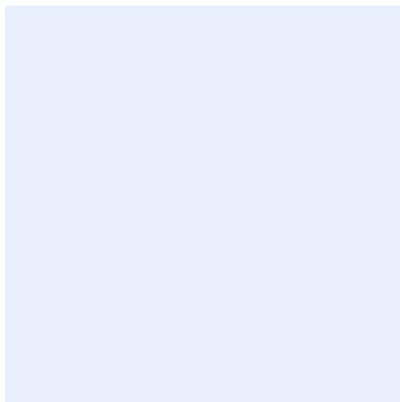
Year	2020	2021	2022	2023	2024
Budget	\$25,000	\$200,000	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: The Brooklane complex has an area next to South Branch Creek that it maintains as required green space to comply with Village zoning regulations. In 2010 Churchill Lane and 47th/48th were repaved and realigned. The right-of-way along the streets was re-graded (included a portion of Brooklane property) to the new road alignments. It is proposed to obtain an easement from Brooklane to use the portion of their property from 46th to 47th/48th and south of Churchill to the creek for additional stormwater storage.

Project Justification: The area between 47th and Dean Road has not been improved for additional storm water storage for the protection of property and storm water quality improvements for South Branch Creek and the Milwaukee River. The Brooklane Basin would provide both of these benefits. The portion of Brooklane Apartment property proposed for the basin has to remain as green space for zoning purposes. The highest and best use for this land would be for storm water improvements. This project is in compliance with WDNR regulations and meets NR216 and 151 requirements.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: SAN/19/01 **Department:** Public Works

Project Name: Generator Replacement

Total Project Cost: \$40,000 **Estimated Life of Project:** 20-years

Expenditure Detail:

Year	2020	2021	2022	2023	2024
Budget	\$40,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: The sanitary sewer generator was due for replacement in 2017 due to age and decreased functionality/reliability. The replacement was delayed after a draw test was performed in 2015 and found the equipment to be working in satisfactory condition. The generator is a critical piece of back-up equipment to ensure the lift station remains in operation during a power outage which ultimately prevents basement back-ups.

Project Justification: The sewer generator operates the lift station during a power failure and is required to ensure SSOs are avoided along with basement back-ups. Sewer maintenance is required under CMAR/CMOM rules & regulations.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan

Project Description

Project #: STM/20/02 **Department:** Public Works

Project Name: W. Bradley Road Box Culvert Replacement

Total Project Cost: \$200,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

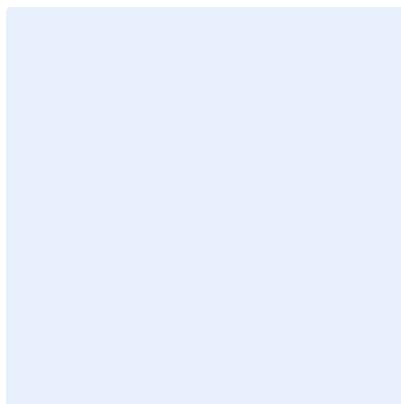
Year	2020	2021	2022	2023	2024
Budget	\$25,000	\$175,000	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Replace the concrete box culvert, including both endwalls, that crosses W. Bradley Rd. just west of N. Green Bay Rd.; also include some minor streambank stabilization adjacent to the endwalls. Maintenance of the structure has been non-existent for many years. ½ of culvert is in Brown Deer, ½ in the City of Milwaukee, and staff is attempting to gain cooperation and cost-sharing w/Milwaukee. However, because Milwaukee participation is uncertain at this point, the entire reconstruction cost is shown to be borne by the Village.

Project Justification: Culvert is very old, exact age unknown. Ayres Assoc. has inspected the structure and has submitted a report authorized by a structural engineer recommending replacement of the structure. This will help protect the public safety and welfare and preserve the Village's investment in infrastructure.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: STM/19-23/A

Department: Public Works

Project Name: Ditch Rehab Program

Total Project Cost: \$200,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

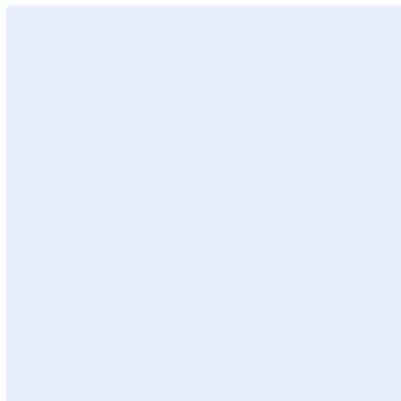
Year	2020	2021	2022	2023	2024
Budget	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: The DPW crews have been rehabilitation roadside ditches and replacing driveway culverts since the ditch rehab program began in 1999. DPW intends to continue the program for the foreseeable future. The ditch rehab program is funded through storm sewer user fees. The program is important with ensuring the Village remains in compliance with the WDNR NR 216 stormwater permit. The program cleans ditches and replaces culverts to prevent ponding water and flooding within roadside ditches. The program usually follows the coordinated project schedule and annual roadway re-paving program. The work is completed by DPW personnel. The cost for the program is supplies/materials.

Project Justification: The ditch rehab program is part of the Village’s NR216 permit compliance and required to achieve total suspended solids (TSS) removal goals as mandated by the WDNR.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan Project Description

Project #: CSD **Department:** Community Services

Project Name: Glendale Clinic Acquisition/Demolition

Total Project Cost: \$1,730,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year Budget	2020	2021	2022	2023	2024
	\$1,730,000	\$350,000	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: The Glendale Clinic at 9233 N. Green Bay Road has been identified by SEWRPC and MMSD as a structure within the 100 year floodplain that cannot reasonably be floodproofed. This has caused the bank that owns the building to take it off the market and seek a sale to the Village for flood and stormwater control benefits. The Village would look to acquire the property in 2020 and demolish the structure and possibly create a detention basin on the site.

Project Justification: This property has flooded multiple times since it was built in 1996 and recent floodplain mapping revealed that it is highly susceptible to future flooding. Knowing this the owner and the Village do not find it prudent to market the site for new tenants or redevelopment. Removing the structure from the floodplain and utilizing the land for stormwater storage is a positive for the community. We expect MMSD to partner with us on the acquisition and will also apply for grant support from the DNR.

Project Picture / Map



FY 2019-2023 Capital Improvement Plan Project Description

Project #: SAN/19-23/A

Department: Public Works

Project Name: Inflow & Infiltration Control

Total Project Cost: \$325,000 **Estimated Life of Project:** 50-years

Expenditure Detail:

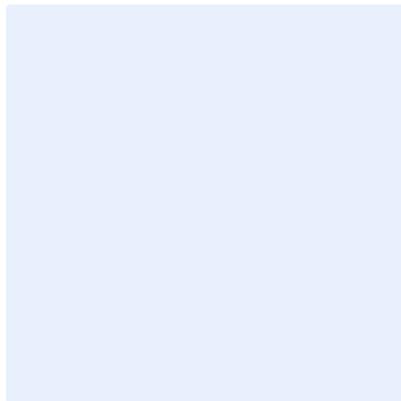
Year	2020	2021	2022	2023	2024
Budget	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Investigate, test and seal, CIPP line mainline sewers that have ground water and rain induced water entering via cracks and joints. The project is proposed to develop into a long term testing and sealing program. The project ensures the Village complies with EPA and WDNR regulations on prohibition of sanitary sewer overflows (SSO’s) and Capacity, Maintenance, Operations, Management (CMOM), and State Attorney General stipulation. For health and safety, in reducing the possibility of sewer waste surcharging into resident and business buildings.

Project Justification: Sewer pipeline maintenance is essential to ensure SSOs are avoided along with basement back-ups. Sewer maintenance is required under CMAR/CMOM rules & regulations.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: SAN/19-23/C **Department:** Public Works

Project Name: Coordinated Project – Lateral Replacement

Total Project Cost: \$150,000 **Estimated Life of Project:** 50-years

Expenditure Detail:

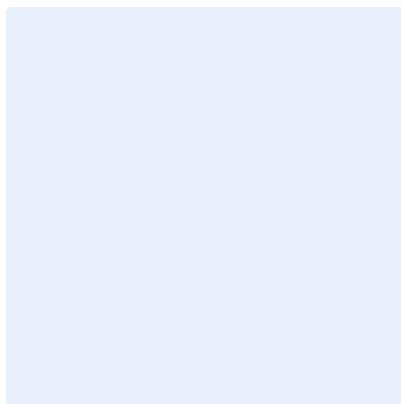
Year	2020	2021	2022	2023	2024
Budget	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: The sanitary sewer laterals will be replaced during the coordinated project with the Water Dept. and Street Re-Paving Program. Replacing aging laterals is critical in prevent I/I from entering the Village’s sewerage collection system which ultimately reduces the potential for basement back-ups. The project ensures the Village complies with EPA and WDNR regulations on prohibition of sanitary sewer overflows (SSO’s) and Capacity, Maintenance, Operations, Management (CMOM), and State Attorney General stipulation. For health and safety, in reducing the possibility of sewer waste surcharging into resident and business buildings.

Project Justification: The sewer lateral replacement program is essential to ensure SSOs are avoided along with basement back-ups. Sewer maintenance is required under CMAR/CMOM rules & regulations. Lateral pipeline length far exceeds sewer mainline piping in the Village.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: SAN/19-23/B **Department:** Public Works

Project Name: Private Property Inflow/Infiltration Program (PPI/I)

Total Project Cost: \$100,000 **Estimated Life of Project:** 50-years

Expenditure Detail:

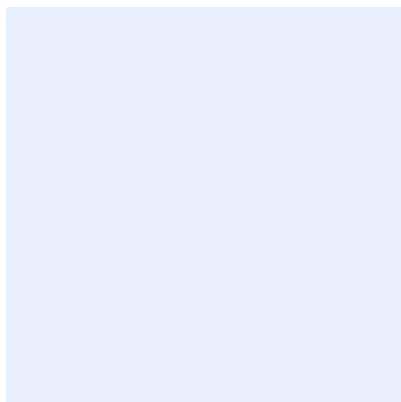
Year	2020	2021	2022	2023	2024
Budget	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Investigate, test and seal, CIPP line, or replace laterals on private property that have ground water and rain induced water entering via cracks and joints. The lateral sealing area south of Dean and west of 60th will be the first section to be in the program and then the Betty/Range area east of 60th. The project is proposed to develop into a long term lateral inspection and sealing program. Comply with EPA and WDNR regulations on prohibition of sanitary sewer overflows (SSO's) and Capacity, Maintenance, Operations, Management (CMOM), and State Attorney General stipulation. For health and safety, in reducing the possibility of sewer waste surcharging into resident and business buildings. From 2010 through 2020 MMSD is providing funds for this type of project.

Project Justification: The PPI&I sewer lateral program is essential to ensure SSOs are avoided along with basement back-ups. Sewer maintenance is required under CMAR/CMOM rules & regulations. Lateral pipeline length far exceeds sewer mainline piping in the Village.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan Project Description

Project #: STM/21/01 **Department:** Public Works

Project Name: Topsoil Screener Replacement

Total Project Cost: \$100,000 **Estimated Life of Project:** 13-years

Expenditure Detail:

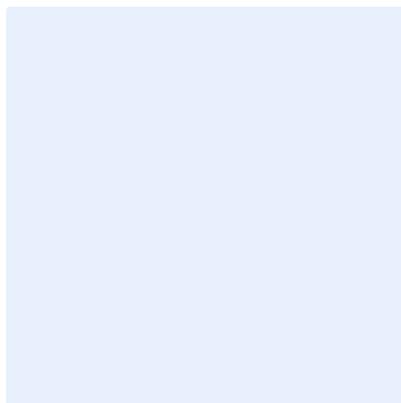
Year	2020	2021	2022	2023	2024
Budget	\$	\$	\$100,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: DPW requests the purchase of a new Orbit Screen Model 68 Diesel with stabilizers. This unit is manufactured under a patent and there are no other manufacturers of this style at this time. Other manufacturers have units that are in the \$100,000 to \$120,000 range for a matching performance range and require more space and maintenance. With the yearly ditching projects the Department has used a screener with cost savings to the ditching operations in purchase of screened topsoil, hauling all excavated material - including topsoil that could be screened. It was found that the recovered screened soil provided a superior product for the residents in that the weed seed was not present as in purchased topsoil.

Project Justification: The equipment will be purchased through soliciting quotes from three (3) vendors/suppliers. The expected life of the requested equipment is 12 years. The equipment is used weekly from the spring months thru the fall months (i.e. May thru October) during the ditch rehab program. The age of item to be replaced is 15 years in 2021. The annual maintenance costs are \$1,000 + labor due to the poor condition. The existing equipment will be auctioned using the State of Wisconsin surplus website. The estimated sold amount is \$15,000.00. The estimated cost of the new equipment was determined from recent bid history for this type of equipment.

Project Picture / Map:



FY 2019-2023 Capital Improvement Plan

Project Description

Project #: STM/21/01 **Department:** Public Works

Project Name: Churchill Basin Naturalization

Total Project Cost: \$200,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

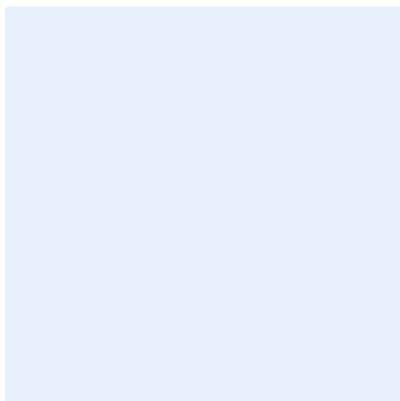
Year	2020	2021	2022	2023	2024
Budget	\$	\$25,000	\$200,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: This project consists of the removal of the concrete invert and the install of a meandering creek with natural plantings. It is proposed to obtain the county property at Willow/51st and add it to the basin with excavation for additional storage and storm water quality for the 50th drainage way that would discharge into it.

Project Justification: The original Churchill Basin was designed by MMSD as a flood control basin with no storm water quality benefits. This project provides for the water quality benefits, develops the site as a natural area for resident enjoyment and adds additional storage. This project is in compliance with WDNR regulations and meets NR216 and 151 requirements.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan Project Description

Project #: **Department:** Water Utility

Project Name: Water Main Relays

Total Project Cost: \$1,285,000 **Estimated Life of Project:** 75 years

Expenditure Detail: Water Main Infrastructure Replacement

Year	2020	2021	2022	2023	2024
Budget	\$230,000	\$300,000	\$350,000	\$125,000	\$280,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Replacement of deteriorated water main by relaying new water main, installing new hydrants, and valves, and new service connections.

Project Justification: This is part of a 30-year replacement program to relay corrosion deteriorated water mains installed in the 1950’s and 60’s. The projects are identified as problem areas in the utility’s hot spot report. The projects are coordinated with the Village’s street replacement program in an effort to help reduce costs and improve efficiency.

Project Picture / Map:

Name	From	To	Year				
			2020	2021	2022	2023	2024
Sherman Service Dr.	Woodale	Parkland	\$130,000				
50 th Street	Dean	Churchill		\$200,000			
61 st Street	Goodrich	Tower		\$125,000			
63 rd Street	62 nd	62 nd			\$350,000		
47 th Street	9445	Donges Ln				\$100,000	
45 th Street	9448	Donges Ln				\$100,000	
Joleno Ln.	51 st	Silver Brook					\$280,000
Total			\$130,000	\$325,000	\$350,000	\$200,000	\$280,000

FY 2020-2024 Capital Improvement Plan

Project Description

Project #: **Department:** Water Utility

Project Name: Water Standpipe Maintenance & Repainting

Total Project Cost: \$550,000 **Estimated Life of Project:** 20 years

Expenditure Detail: Water Main Infrastructure Replacement

Year	2020	2021	2022	2023	2024
Budget	\$50,000		\$500,000		

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Maintenance and painting of 2-million-gallon standpipe

Project Justification: The normal sealant coat on a water storage facility is approximately 20 years. The standpipe was last painted in 2002. Recent inspections have shown some areas of touch-up are required before the next painting project. The Utility anticipates a minor maintenance project on the outside of the standpipe in 2020 and is planning on a full re-painting of the standpipe in 2022. The Water Utility has a reserve fund dedicated to the maintenance and repainting the standpipe

Project Picture / Map:

FY 2020-2024 Capital Improvement Plan

Project Description

Project #: **Department:** Water Utility

Project Name: Booster Disinfection Station

Total Project Cost: \$5,000 annually **Estimated Life of Project:**

Expenditure Detail: Equipment replacement

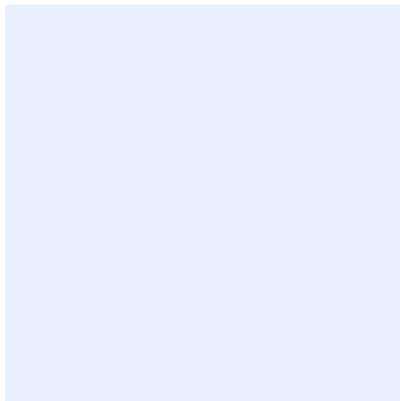
Year	2020	2021	2023	2023	2024
Budget	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Replacement of instrumentation and equipment in the station that will help refine system operation and replace items that get worn out from the chemical feed.

Project Justification: The Utility installed a chloramines booster disinfection station in 2004 to improve chlorine residuals in the water system, especially during warmer water temperatures. In 2008, we modified operation of the station to only feed chlorine and not ammonia. This saves on chemical cost and simplifies the booster disinfection operation. The operation of the booster station has help reduce the amount of leaks in copper service laterals saving the Utility money by reducing the non-revenue water in the system.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan

Project Description

Project #: **Department:** Water Utility

Project Name: Meter Reading Equipment

Total Project Cost: \$30,000 annually **Estimated Life of Project:** 20 years

Expenditure Detail: Meter reading – Equipment replacement

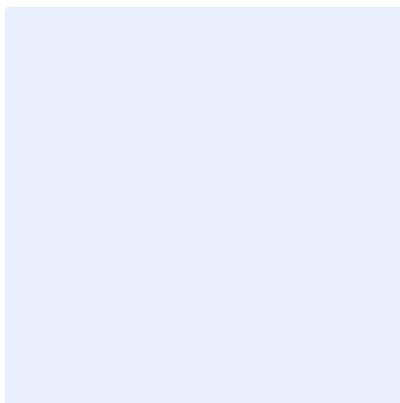
Year	2020	2021	2022	2023	2024
Orions	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Meter/Registers	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Replacement of failing Orion meter reading units that are approaching the end of their lifecycle

Project Justification: In 2014 the Utility completed replacement of the old Trace meter reading technology with Badger Meter’s Orion and Beacon equipment. Badger meter also contributed a new meter reading laptop to the Utility in exchange for being a beta test site for their new technology. The new technology allows the utility to read meters via the latest radio technology which can be done in a mobile or fixed base network. The new technology allows the utility to improve customer service by addressing customer inquiries more efficiently and can even alert a customer to a potential leak inside of the home before the next meter reading cycle. Older Orion technology will need to be replaced as it fails. The money budget over the next 5 years addresses replacing the older Orion units that fail, as well as replacing meters as dictated by the 20-yr PSC approved replacement schedule.

Project Picture / Map:



FY 2020-2024 Capital Improvement Plan

Project Description

Project #: **Department:** Water Utility

Project Name: Hydrant and Valve replacement

Total Project Cost: \$30,000 annually **Estimated Life of Project:** 30 years

Expenditure Detail: Water - Equipment

Year	2020	2021	2022	2023	2024
Budget	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Replace defective hydrants and valves in distribution system

Project Justification: In 2012 the Utility jointly purchased a valve turning, and vacuum tank machine to aide in the operation and maintenance of distribution system valves. Over the past 2 years there have been a number of valves identified that need replacement so they Utility has budgeted funds to help in the replacement of a few valves every year. There are a number of older Iowa style hydrants in the distribution system. Operations of Iowa hydrants are good at this time but there are a few hydrants that are in need of repair. Repair parts for the Iowa hydrants are becoming difficult to obtain so the Utility has budgeted funds to help with the replaced of a few hydrants every year.

FY 2020-2024 Capital Improvement Plan

Project Description

Project #: **Department:** Water Utility

Project Name: Meter Vault Upgrade – 43rd Street

Total Project Cost: \$75,000 **Estimated Life of Project:** 50 years

Expenditure Detail: Water - Structures

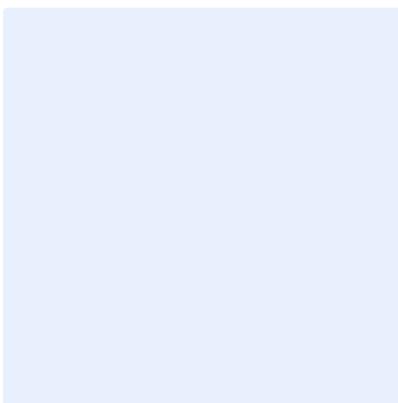
Year	2020	2021	2022	2023	2024
Budget	\$75,000	\$0	\$0	\$0	\$0

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Replace defective hydrants and valves in distribution system

Project Justification: In the 2018 Sanitary Survey the DNR identified the 43rd Street meter vault as a deficiency. The vault does not contain ventilation and the access cover is not 2 feet above grade. As part of the improvement project the Utility would install a vent pipe, upgrade the electrical conduit and install a new lighting fixture in the vault. To help improve worker safety the Utility will work with Milwaukee Water Works to move the electronic controls for the master meters above grade to limit confined space entry. A control cabinet (similar to the upgrade that was completed in 2018 for the 60th Street meter pit) will be used to protect the meter electronics and controls. The cost for moving the meter electronics and controls will be shared between the Utility and Milwaukee Water Works.

Project Picture / Map:

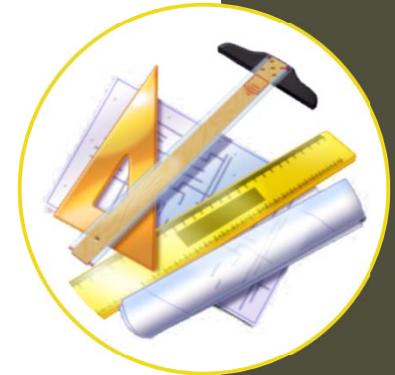




Capital Improvement Plan

What is a Capital Improvement Plan?

- A **Capital Improvement Plan**, or **CIP**, is like a blueprint for planning a community's capital expenditures and is one of the most important responsibilities of local government officials. It coordinates community planning, financial capacity, and physical development.



A Capital Improvement Plan, or CIP, is composed of two parts.

- **A Capital Budget**
 - The capital budget is the upcoming year’s spending plan for capital items (typically tangible assets or projects that cost at least \$5,000 and have a useful life of at least 3 years). In Brown Deer we borrow for 2 years. In this case 2020/2021
- **A Capital Program**
 - The capital program is a plan for capital expenditures that extends 4 years or more beyond the capital budget. These projects in subsequent years may not have been funded or authorized. Since the CIP is not a legally binding document, it can and does change in the “out” years. The CIP is often spoken of as a rolling document since older projects drop off and new ones are added each year.



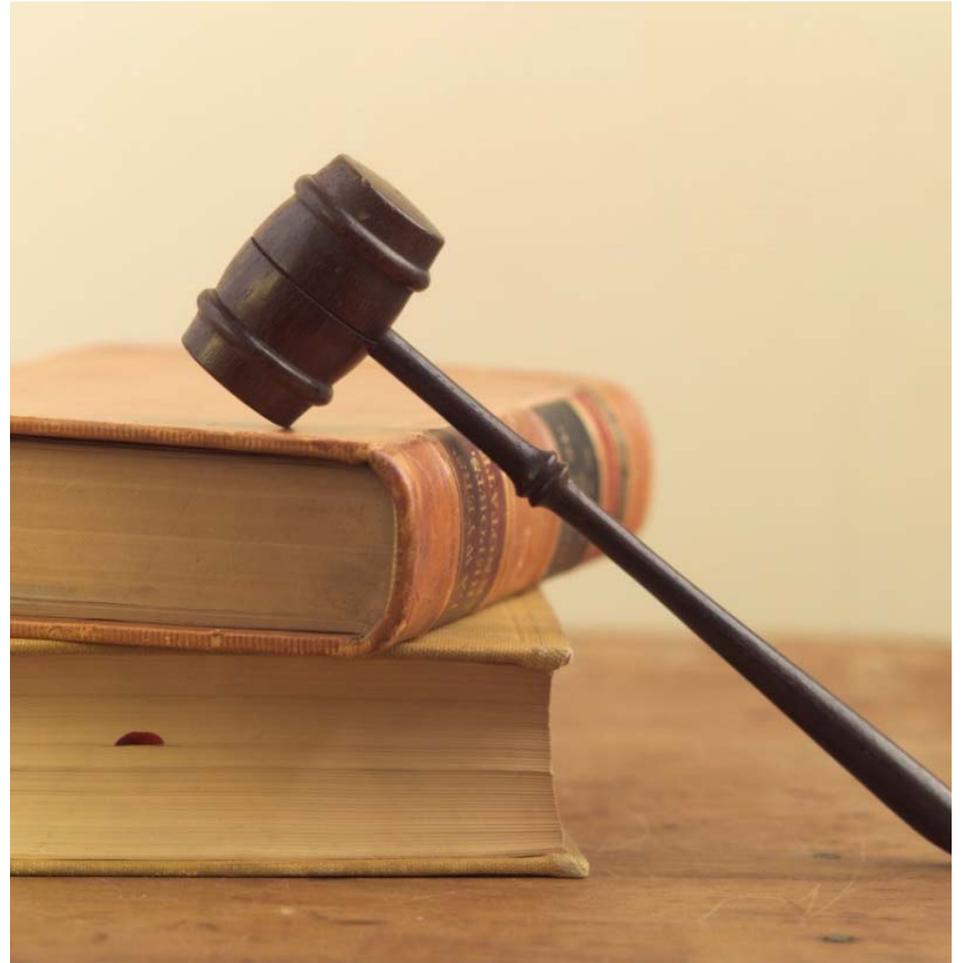


Agenda for CIP Workshop

1. Village debt management policy.
2. Assess the Village's Financial Capacity.
3. Review Capital Improvement Budget.
4. Review Capital Improvement Program.
5. Approve CIP on October 7th 2019

State Law and Village Debt Policy

- The State has certain laws about municipal debt. In addition, the Village has adopted further debt management policies that cover the Village Board's general view of debt.

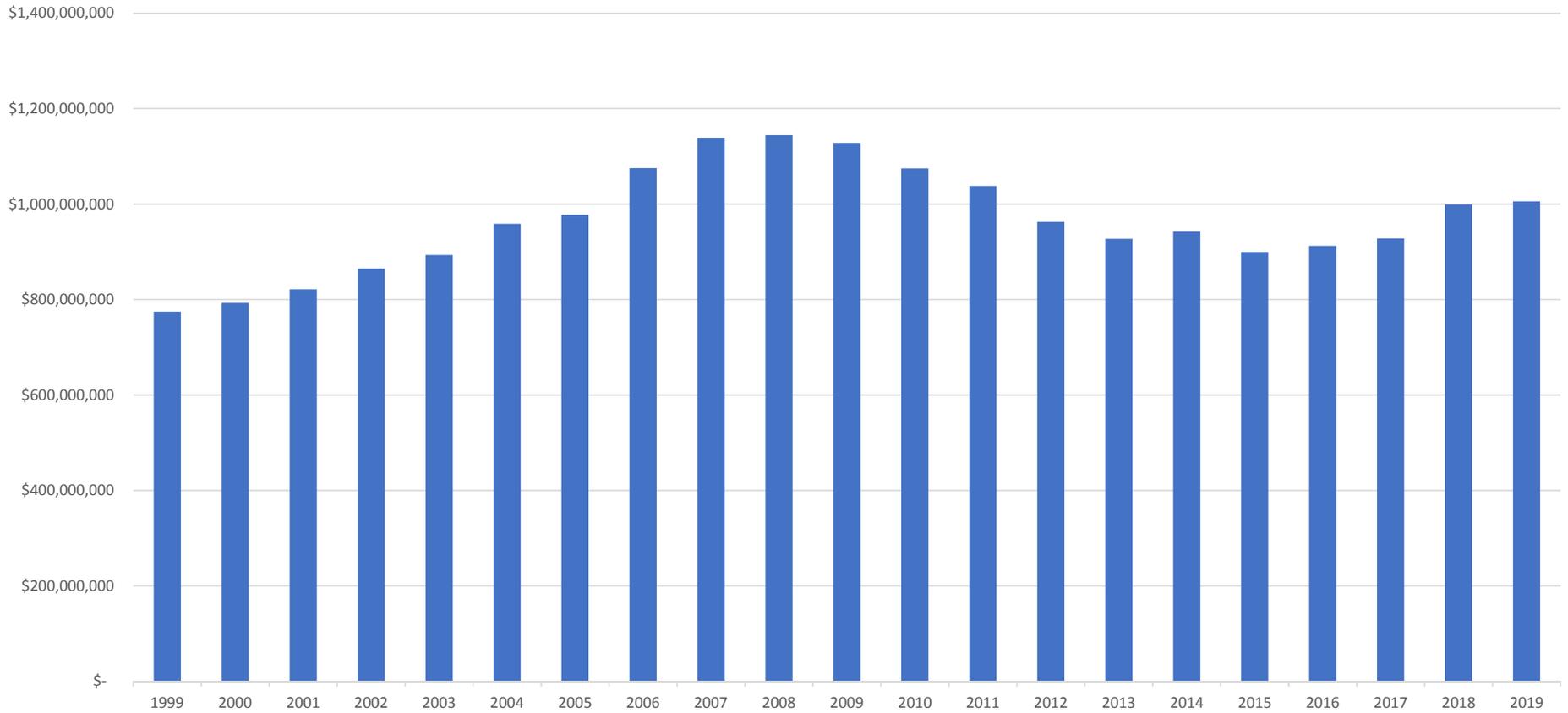


State of Wisconsin Law on Municipal Debt



- The Village's general obligation debt is limited under the State of Wisconsin Statutes. It is capped at 5% of the Village's equalized value.
- January 1, 2019 (Equalized Value): **\$1,005,880,400**
- Allowable debt limit is: **\$50,294,020**

Equalized Values in Brown Deer Over 20 Years
Source: Department of Revenue



Debt Management Policy



- **The Village's internal debt management policy restricts the total outstanding general obligation debt to less than 40% of the state debt limit.**
 - The Village is currently at 28% or approximately \$14 Million of the limit when you look at levy supported debt only. The overall total debt when you include the enterprise funds is 59% or approximately \$29.5 Million.

1st Proposed Change to Village Debt Policy

Change the policy from “The Village intends to keep outstanding general obligation debt within 40% of the limit prescribed by law...”

to

“The Village intends to keep levy supported general obligation debt within 40% of the limit prescribed by law and the total outstanding general obligation debt within 75% of the limit prescribed by law...”

Looking for Approval From the Board



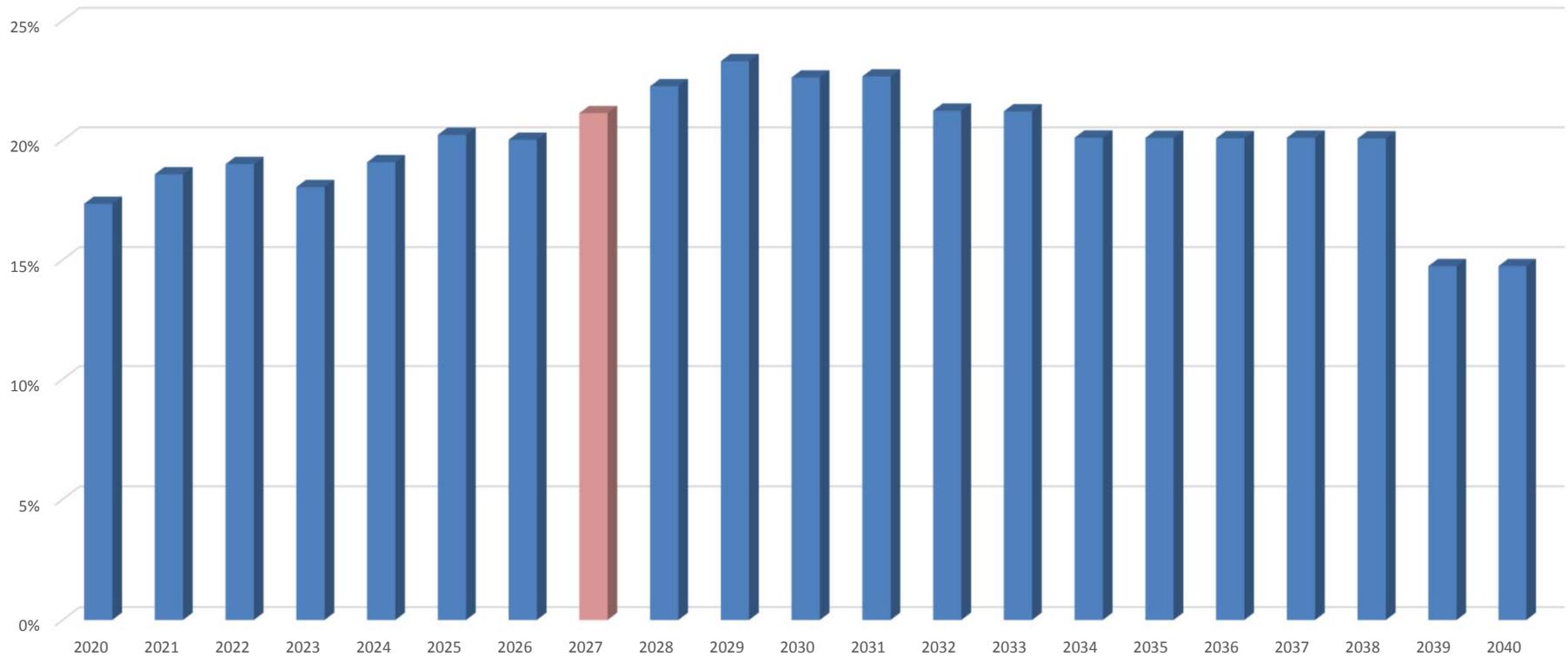
- **“The Village intends to keep levy supported general obligation debt within 40% of the limit prescribed by law and the total outstanding general obligation debt within 75% of the limit prescribed by law...”**

Debt Management Policy



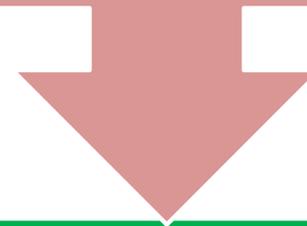
- **The Village's debt policy also restricts the debt levy to less than 20% of the total tax levy.**
 - The Village is currently below the 20% limit. However, if the Village continues to borrow approximately \$1 million dollars per year for capital projects then the Village will exceed the 20% limit in approximately 2027.

Debt Service Max as a Percentage of the Levy
(Currently the policy states no more than 20% of the Levy)
Current borrowing approximately \$1 million per year



2nd Proposed Change to Village Debt Policy

Change the policy from “The total annual debt service for general obligation debt will not exceed 20% of the Village’s total tax levy”



“The total annual debt service for general obligation debt will not exceed 25% of the Village’s total general fund operating revenue.”

Looking for Approval From the Board



- “The total annual debt service for general obligation debt will not exceed 25% of the Village’s total general fund operating revenue.”

Assess Village Financial Capacity



Funding CIP Projects

Debt - General
Obligation (GO)
Bonds

Levy Funds -
\$372,000

Grants – MMSD,
DNR, CDBG,
other

Donations – Rare
(Trust Fund) or
Foundation

Fund Balance –
Unassigned is
limited

TID Funds – only
for TIDs

Review 2 Major Projects for 2020 & 2022

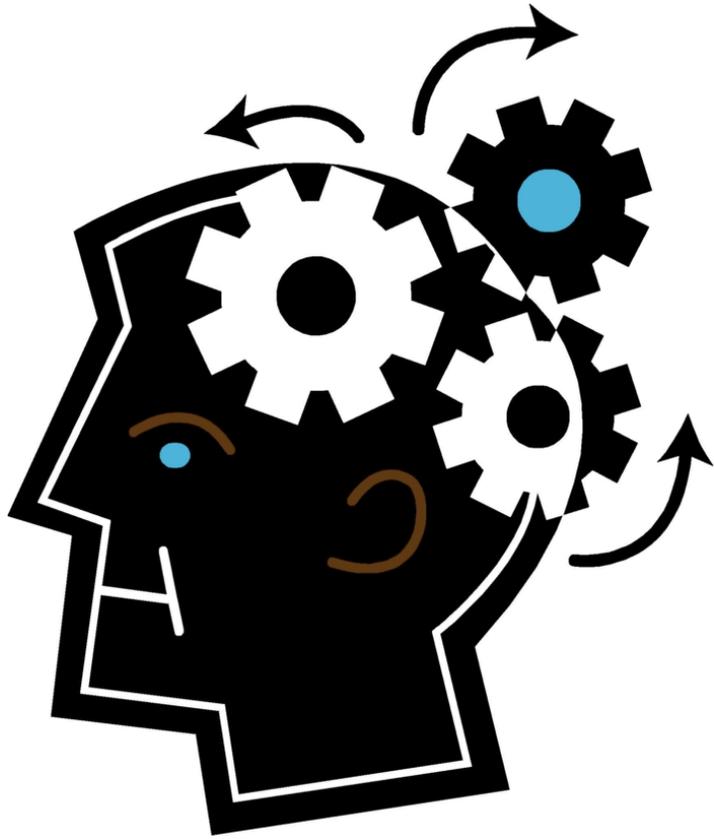
- 1st the new library in the Original Village
- 2nd the streetscaping along Brown Deer Rd. & Green Bay Rd.





**1st Major CIP
Project for 2020
is a new
municipal library**

- **Library - \$2.5 Million to \$3.5 Million**



3 Reason for a New Library

- 1. Expenditures exceeding revenues
- 2. Library infrastructure needs
- 3. Location of the library



Expenditures Exceeding Revenues

- Revenues have remained stagnant since 2011 when the state restricted the ability to increase the levy.
- Cost cutting methods:
 - Reducing the library hours
 - Reducing the library staff
 - Reducing the library staff pay
- Solution:
 - Find revenue in a mixed-use building



Library Infrastructure Needs

- The current library needs maintenance and needs to expand to accommodate the desires of the community.
- The current library is approximately 13,000 square feet. The new library would be approximately 25,000 square feet. This will nearly double the size of the current library.
- Examples of areas that would be expanding:
 - Community meeting spaces and study spaces
 - Children's section, young adult, and adult
 - Special programming areas
 - Automatic check out and drive-thru drop off



www.jesperdeleuran.dk

Location of the Library

- The **Comprehensive Plan** which was developed over the course of 1 year, included many meetings and stakeholders, desired for the library to move to the Original Village.
- Chapter 7 section 4.1.4 Library Services, Page 147: “As the library structure ages and requires decisions on major investment for renovations, there may be opportunities in the future to relocate the library more centrally in the Village to enable the facility to meet more resident needs.”

Library Budget Range

CONFIDENTIAL



Budget Square Foot Analysis

Project: 19600000 - Brown Deer Public Library
 Client: Brown Deer Public Library
 Date Modified: 8/13/2019

	Low Investment	Medium Investment	High Investment
1 Interior Construction Budget (Bldg & Site Costs)	25,136 sf @ \$69 per sf = \$1,633,840 63.0%	25,136 sf @ \$75 per sf = \$1,885,200 61.4%	25,136 sf @ \$90 per sf = \$2,262,240 61.4%
2 Exterior Construction Budget (Bldg & Site Costs)	2,321 sf @ \$20 per sf = \$46,420 1.6%	2,321 sf @ \$32.00 per sf = \$74,272 2.4%	2,321 sf @ \$32 per sf = \$74,272 2.0%
3 Sunken Garden Construction Budget	0 sf @ \$125 per sf = \$0 0.0%	0 sf @ \$125 per sf = \$0 0.0%	0 sf @ \$125 per sf = \$0 0.0%
4 Sunken Garden Construction Budget Extend Bldg Façade	0 sf @ \$45 per sf = \$0 0.0%	0 sf @ \$45 per sf = \$0 0.0%	0 sf @ \$45 per sf = \$0 0.0%
5 Project Contingency	@ 7.50% = \$172,026.75 6.8%	@ 7.50% = \$209,145.77 6.8%	@ 7.50% = \$251,812.14 6.8%
6 Professional Fee (Bldg & Site)	@ 8.50% = \$138,876 5.1%	@ 8.50% = \$160,242 5.2%	@ 8.50% = \$192,290 5.2%
7 Fixtures, Furniture & Equipment (FF&E)	25,136 sf @ \$15 per sf = \$377,040 10.7%	25,136 sf @ \$18 per sf = \$452,448 14.7%	25,136 sf @ \$20 per sf = \$502,720 13.6%
8 FFE Design/Spec Fee	@ 9% = \$33,934 1.4%	@ 9% = \$40,720 1.3%	@ 9% = \$45,245 1.2%
	sub total: \$2,402,137	sub total: \$2,822,028	sub total: \$3,328,579
9 Project Soft Costs:			
6.1 Soil Borings/topo boundary survey	\$0 0.0%	\$0 0.0%	\$0 0.0%
6.2 Construction Testing	\$10,000 0.4%	\$10,000 0.3%	\$10,000 0.3%
6.3 Computers/Technology Equipment	\$13,000 0.5%	\$20,000 0.7%	\$30,000 0.8%
6.4 Audio / Visual systems (AV)	\$40,000 1.6%	\$60,000 2.1%	\$80,000 2.3%
6.5 Land Acquisition	\$0 0.0%	\$0 0.0%	\$0 0.0%
6.6 Automated Material Handling System	\$0 0.0%	\$90,000 3.2%	\$150,000 4.4%
6.7 Interior/Exterior Signage, Design/Material	\$10,000 0.4%	\$20,000 0.7%	\$30,000 0.8%
6.8 Environmental Graphics, Design/Material (Exp. Donor Wall)	\$10,000 0.4%	\$8,000 0.3%	\$10,000 0.3%
6.9 Moving Costs	\$25,000 1.0%	\$25,000 0.8%	\$25,000 0.7%
6.10 Sustainability	\$0 0.0%	\$0 0.0%	\$0 0.0%
	sub total: \$110,000 4.4%	sub total: \$250,000 8.1%	sub total: \$355,000 9.6%
Total Project Cost:	2021 \$2,512,137	2021 \$3,072,028	2021 \$3,683,579
Budget Annual Escalation Adjustment	inflation: 3%	inflation: 3%	inflation: 3%
	2021 \$2,512,137	2021 \$3,072,028	2021 \$3,683,579
	2022 \$2,587,501	2022 \$3,164,189	2022 \$3,794,087
	2023 \$2,665,126	2023 \$3,259,115	2023 \$3,907,909
	2024 \$2,745,080	2024 \$3,356,888	2024 \$4,025,147



This building was purchased for the new library

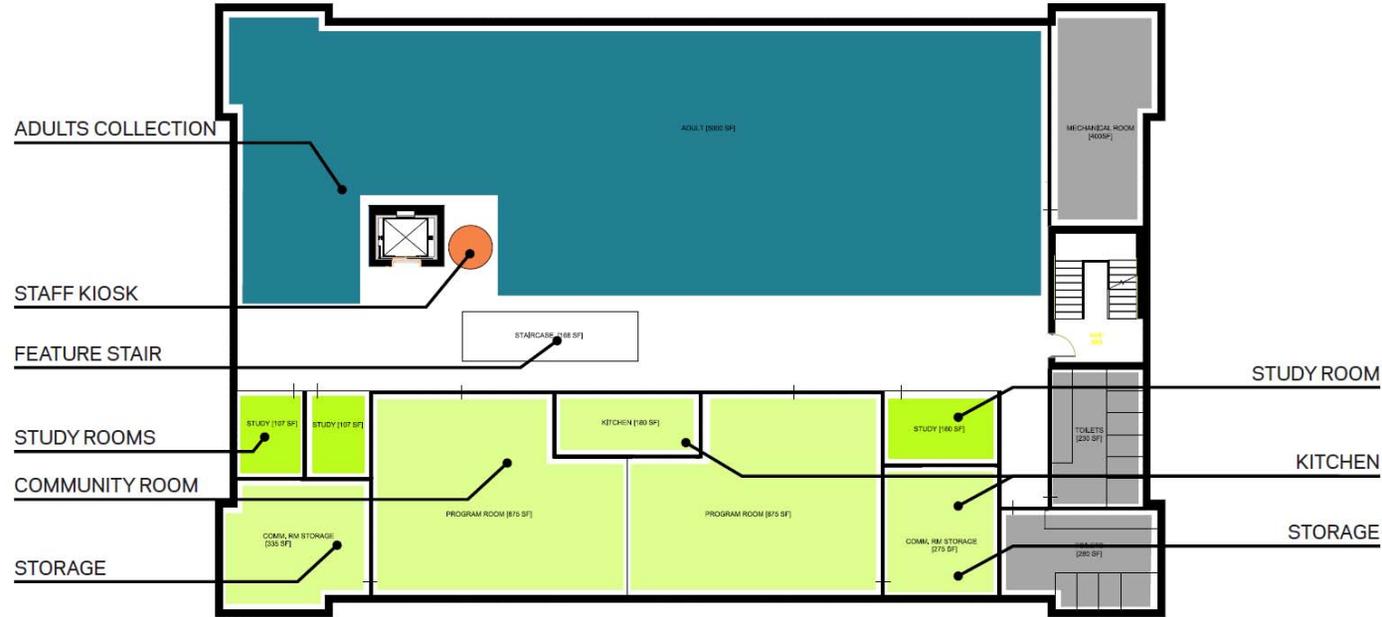


New Library Design



Lower Level of the New Library

floor plan _ lower level

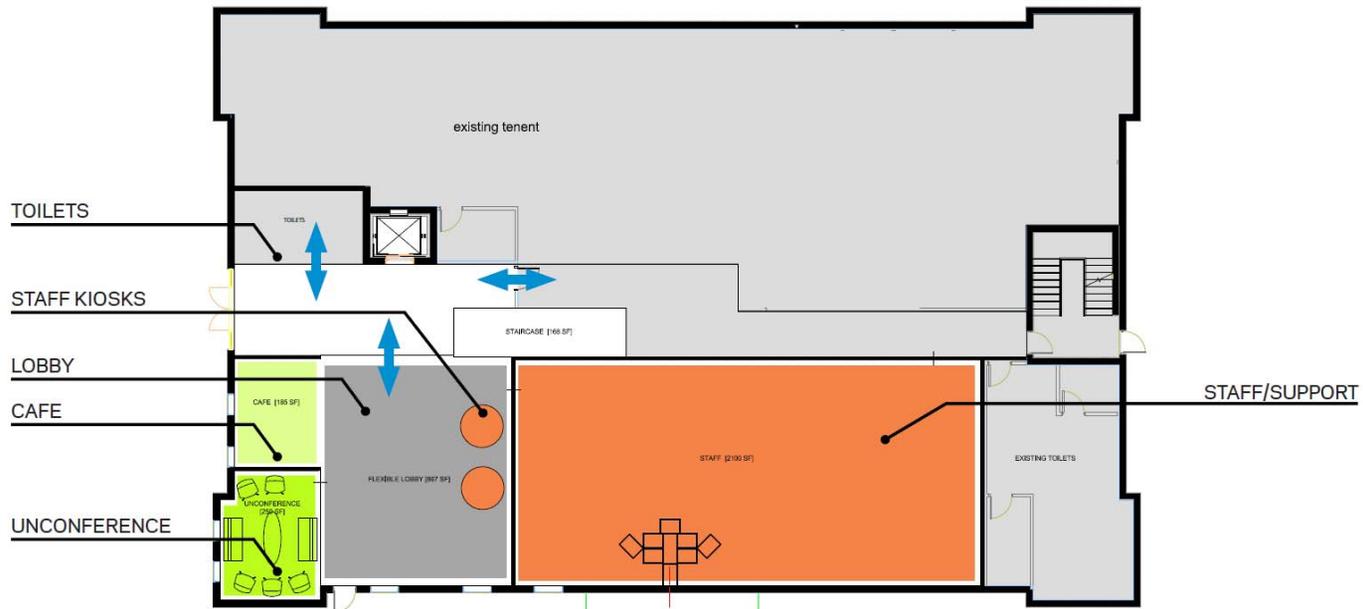


lower level



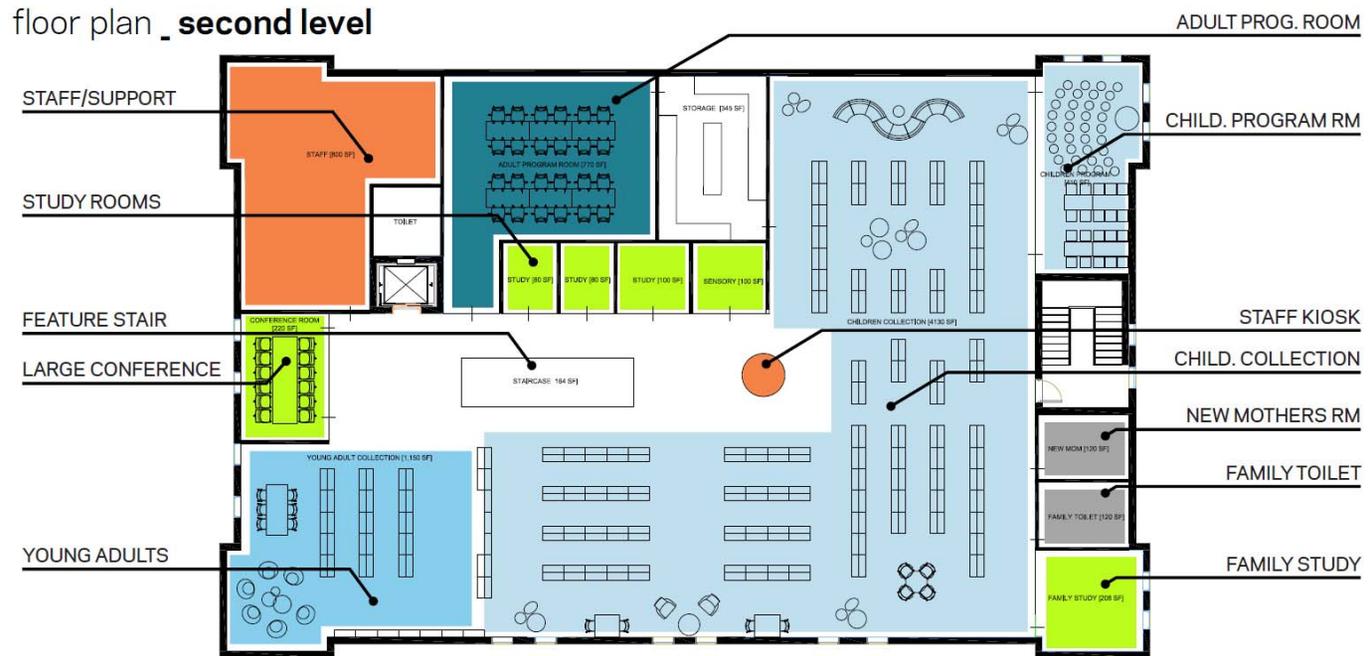
Main Level of the New Library

floor plan _ main level



level 1

Top Level of the New Library



level 2



2nd Major CIP Project for 2022 is streetscaping

Streetscaping - \$2 Million to \$2.5 Million

DOT - “Community Sensitive Design”

-
- DOT will be repaving Brown Deer Rd. and reconstructing Green Bay Rd. in approximately 2021 and 2022. This date is dependent on state funding. They will be removing the bridge, at Brown Deer and Green Bay Roads, and creating an at grade intersection.
 - Within the guidelines of the DOT traffic manual they will allow communities to pay for certain design upgrades.
 - The Village hired Kapur & Associates to work with the DOT to come up with some design upgrades for these highways.
 - Next opportunity for “Community Sensitive Design” will be approximately 2050



3 Suggested Design Enhancements

Colored concrete at each intersection along Brown Deer Rd.

- The Village Board could look to only color certain intersections.

Adding street lighting poles or upgrading the DOT installed light poles.

- If the Village Board chooses to upgrade the DOT installed poles only this will save approximately \$500,000.

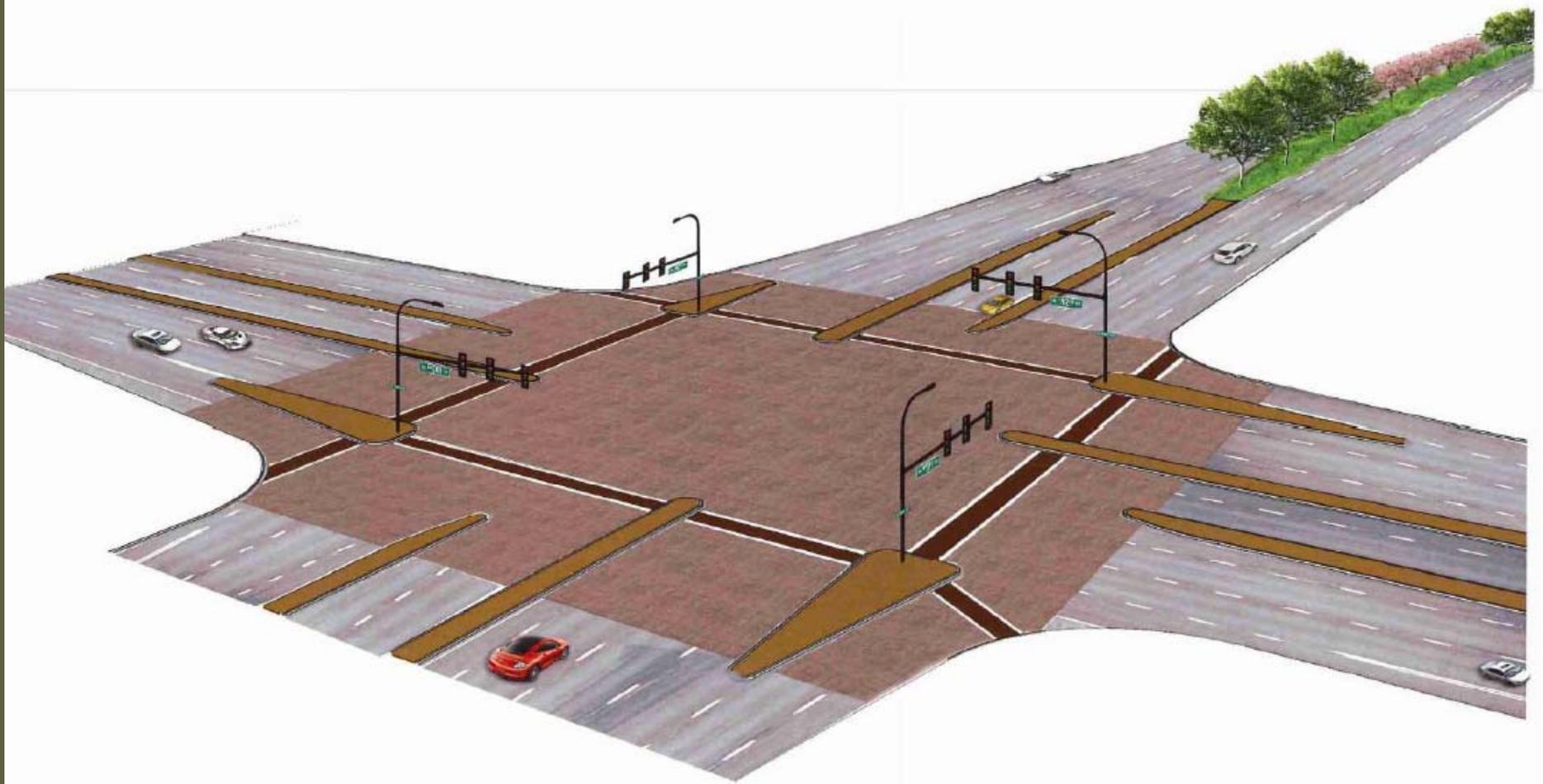
Adding landscaping and signage in the medians.

- Landscaping will be easy to maintain and long lasting. Signage will be unique.

Scope of DOT Project for 2021 & 2022



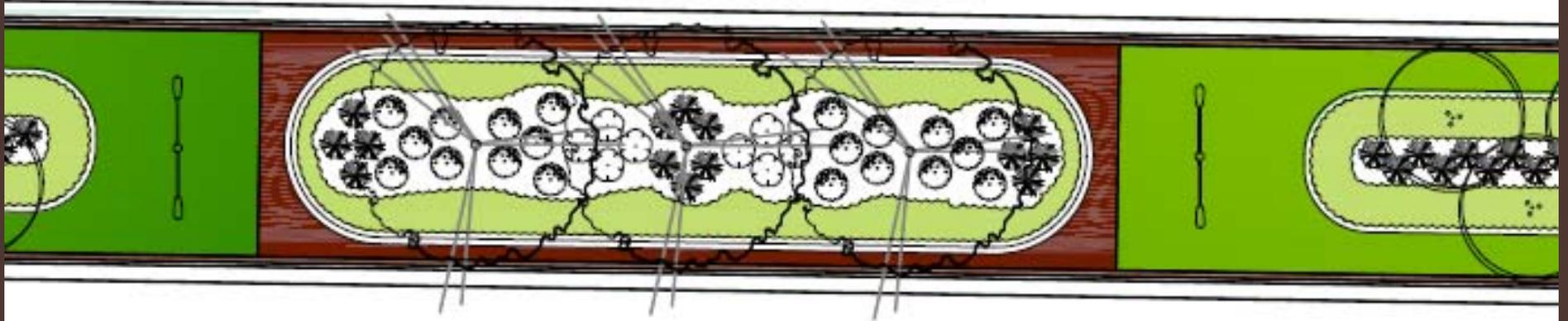
Example of colored concrete at the new intersection



Example of landscaping in the median



Example of landscaping in the median



RAISED PLANTER #1
(BETWEEN 64TH & 60TH)

- Colorful and repetitive median planting palettes throughout the street
 - Vase-shaped canopy trees to create lush main street
 - Bio-retention in certain medians



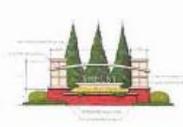
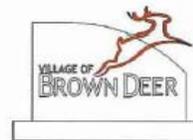
- Brown hues throughout various pavement mediums
 - decorative crosswalks
 - consistent sidewalk perimeter accent



- Updated amenities throughout the project
 - benches
 - trash receptacles
 - planters
 - lighting
 - signage



- New more prominent town entry signage



POSSIBLE SIGNAGE

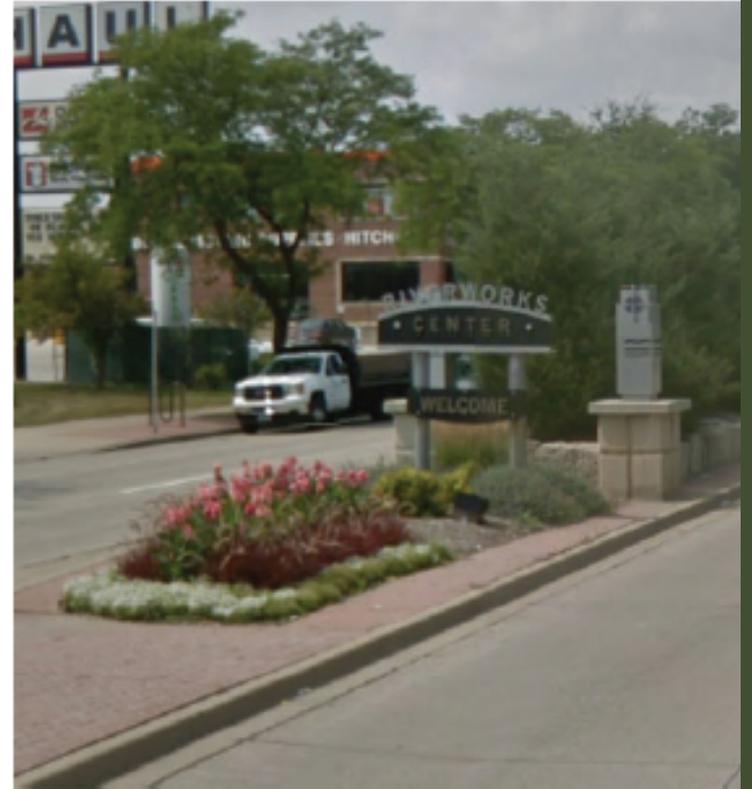


LANDSCAPE INSPIRATION



Examples of landscaping in the median

CAPITOL DRIVE- MILWAUKEE



Examples of landscaping in the median

JANESVILLE ROAD- MUSKEGO



Assessing the
Village's
Financial Plan in
the future



Completing One Major CIP Project

No Road Project



Village of Brown Deer EXAMPLE FINANCING PLAN

LEVY YEAR	YEAR DUE	EXISTING DEBT SERVICE LEVY SUPPORTED	2020 BORROWING				2021 BORROWING				2022 BORROWING				FUTURE CIP (A)	COMBINED DEBT SERVICE LEVY SUPPORTED	YEAR DUE
			LIBRARY RENOVATIONS		CIP		CIP		ROAD PROJECTS		CIP		CIP				
			\$3,000,000 G.O. BONDS Dated April 1, 2020 (First interest 10/1/20)		\$1,000,000 G.O. PROMISSORY NOTES Dated April 1, 2020 (First interest 10/1/20)		\$1,000,000 G.O. PROMISSORY NOTES Dated April 1, 2021 (First interest 10/1/21)		\$0 G.O. BONDS Dated April 1, 2022 (First interest 10/1/22)		\$1,000,000 G.O. PROMISSORY NOTES Dated April 1, 2022 (First interest 10/1/22)						
			PRINCIPAL (4/1)	INTEREST (4/1 & 10/1) AVG= 3.50%	PRINCIPAL (4/1)	INTEREST (4/1 & 10/1) AVG= 3.00%	PRINCIPAL (4/1)	INTEREST (4/1 & 10/1) AVG= 3.50%	PRINCIPAL (4/1)	INTEREST (4/1 & 10/1) AVG= 4.00%	PRINCIPAL (4/1)	INTEREST (4/1 & 10/1) AVG= 3.50%					
2019	2020	\$1,443,811		\$52,500		\$15,000										2020	
2020	2021	\$1,455,109	\$105,000	\$103,163	\$85,000	\$28,725		\$17,500								2021	
2021	2022	\$1,379,054	\$110,000	\$99,400	\$90,000	\$26,100	\$85,000	\$33,513	\$0	\$17,500						2022	
2022	2023	\$1,160,706	\$115,000	\$95,463	\$90,000	\$23,400	\$90,000	\$30,450	\$0	\$85,000	\$33,513	\$17,500	\$17,500			2023	
2023	2024	\$1,150,069	\$115,000	\$91,438	\$95,000	\$20,625	\$90,000	\$27,300	\$0	\$90,000	\$30,450	\$136,013	\$136,013			2024	
2024	2025	\$1,152,425	\$120,000	\$87,325	\$100,000	\$17,700	\$95,000	\$24,063	\$0	\$90,000	\$27,300	\$256,463	\$256,463			2025	
2025	2026	\$1,012,131	\$125,000	\$83,038	\$100,000	\$14,700	\$100,000	\$20,650	\$0	\$95,000	\$24,063	\$373,763	\$373,763			2026	
2026	2027	\$1,015,738	\$130,000	\$78,575	\$105,000	\$11,625	\$100,000	\$17,150	\$0	\$100,000	\$20,650	\$492,825	\$492,825			2027	
2027	2028	\$1,022,781	\$135,000	\$73,938	\$110,000	\$8,400	\$105,000	\$13,563	\$0	\$100,000	\$17,150	\$613,475	\$613,475			2028	
2028	2029	\$1,028,344	\$140,000	\$69,125	\$110,000	\$5,100	\$110,000	\$9,800	\$0	\$105,000	\$13,563	\$730,625	\$730,625			2029	
2029	2030	\$831,094	\$145,000	\$64,138	\$115,000	\$1,725	\$110,000	\$5,950	\$0	\$110,000	\$9,800	\$849,188	\$849,188			2030	
2030	2031	\$836,106	\$150,000	\$58,975			\$110,000	\$2,013	\$0	\$110,000	\$5,950	\$968,988	\$968,988			2031	
2031	2032	\$672,531	\$155,000	\$53,638					\$0	\$115,000	\$2,013	\$1,084,938	\$1,084,938			2032	
2032	2033	\$669,788	\$160,000	\$48,125					\$0			\$1,201,950	\$1,201,950			2033	
2033	2034	\$547,806	\$165,000	\$42,438					\$0			\$1,201,950	\$1,201,950			2034	
2034	2035	\$546,984	\$170,000	\$36,575					\$0			\$1,201,950	\$1,201,950			2035	
2035	2036	\$545,363	\$180,000	\$30,450					\$0			\$1,201,950	\$1,201,950			2036	
2036	2037	\$547,825	\$185,000	\$24,063					\$0			\$1,201,950	\$1,201,950			2037	
2037	2038	\$544,363	\$190,000	\$17,500								\$1,201,950	\$1,201,950			2038	
2038	2039		\$200,000	\$10,675								\$1,201,950	\$1,201,950			2039	
2039	2040		\$205,000	\$3,588								\$1,201,950	\$1,201,950			2040	
\$17,562,027			\$3,000,000	\$1,224,125	\$1,000,000	\$173,100	\$1,000,000	\$201,950	\$0	\$0	\$1,000,000	\$201,950	\$15,139,375	\$40,502,527			



Completing Both Major CIP Projects

PRELIMINARY



Village of Brown Deer EXAMPLE FINANCING PLAN

LEVY YEAR	YEAR DUE	EXISTING DEBT SERVICE LEVY SUPPORTED	2020 BORROWING				2021 BORROWING				2022 BORROWING				FUTURE CIP (A)	COMBINED DEBT SERVICE LEVY SUPPORTED	YEAR DUE			
			LIBRARY RENOVATIONS		CIP		CIP		ROAD PROJECTS		CIP		PRINCIPAL (4/1)	INTEREST (4/1 & 10/1)				PRINCIPAL (4/1)	INTEREST (4/1 & 10/1)	
			\$3,000,000		\$1,000,000		\$1,000,000		\$3,000,000		\$1,000,000									
			G.O. BONDS		G.O. PROMISSORY NOTES		G.O. PROMISSORY NOTES		G.O. BONDS		G.O. PROMISSORY NOTES									
Dated April 1, 2020		Dated April 1, 2020		Dated April 1, 2021		Dated April 1, 2022		Dated April 1, 2022		Dated April 1, 2022		Dated April 1, 2022								
(First interest 10/1/20)		(First interest 10/1/20)		(First interest 10/1/21)		(First interest 10/1/22)		(First interest 10/1/22)		(First interest 10/1/22)		(First interest 10/1/22)								
AVG= 3.50%		AVG= 3.00%		AVG= 3.50%		AVG= 4.00%		AVG= 3.50%												
2019	2020	\$1,443,811			\$52,500															
2020	2021	\$1,455,109			\$103,163		\$85,000		\$17,500											
2021	2022	\$1,379,054			\$99,400		\$90,000		\$26,100	\$85,000										
2022	2023	\$1,160,706			\$115,000		\$95,463		\$23,400	\$90,000										
2023	2024	\$1,150,069			\$115,000		\$91,438		\$20,625	\$95,000										
2024	2025	\$1,152,425			\$120,000		\$87,325		\$17,700	\$100,000										
2025	2026	\$1,012,131			\$125,000		\$83,038		\$14,700	\$100,000										
2026	2027	\$1,015,738			\$130,000		\$78,575		\$11,625	\$100,000										
2027	2028	\$1,022,781			\$135,000		\$73,938		\$8,400	\$105,000										
2028	2029	\$1,028,344			\$140,000		\$69,125		\$5,100	\$110,000										
2029	2030	\$831,094			\$145,000		\$64,138		\$1,725	\$110,000										
2030	2031	\$836,106			\$150,000		\$58,975			\$115,000										
2031	2032	\$672,531			\$155,000		\$53,638													
2032	2033	\$669,788			\$160,000		\$48,125													
2033	2034	\$547,806			\$165,000		\$42,438													
2034	2035	\$546,984			\$170,000		\$36,575													
2035	2036	\$545,363			\$180,000		\$30,450													
2036	2037	\$547,825			\$185,000		\$24,063													
2037	2038	\$544,363			\$190,000		\$17,500													
2038	2039				\$200,000		\$10,675													
2039	2040				\$205,000		\$3,588													
\$17,562,027			\$3,000,000	\$1,224,125	\$1,000,000	\$173,100	\$1,000,000	\$201,950	\$3,000,000	\$1,048,600	\$1,000,000	\$201,950	\$15,139,375	\$44,551,127						



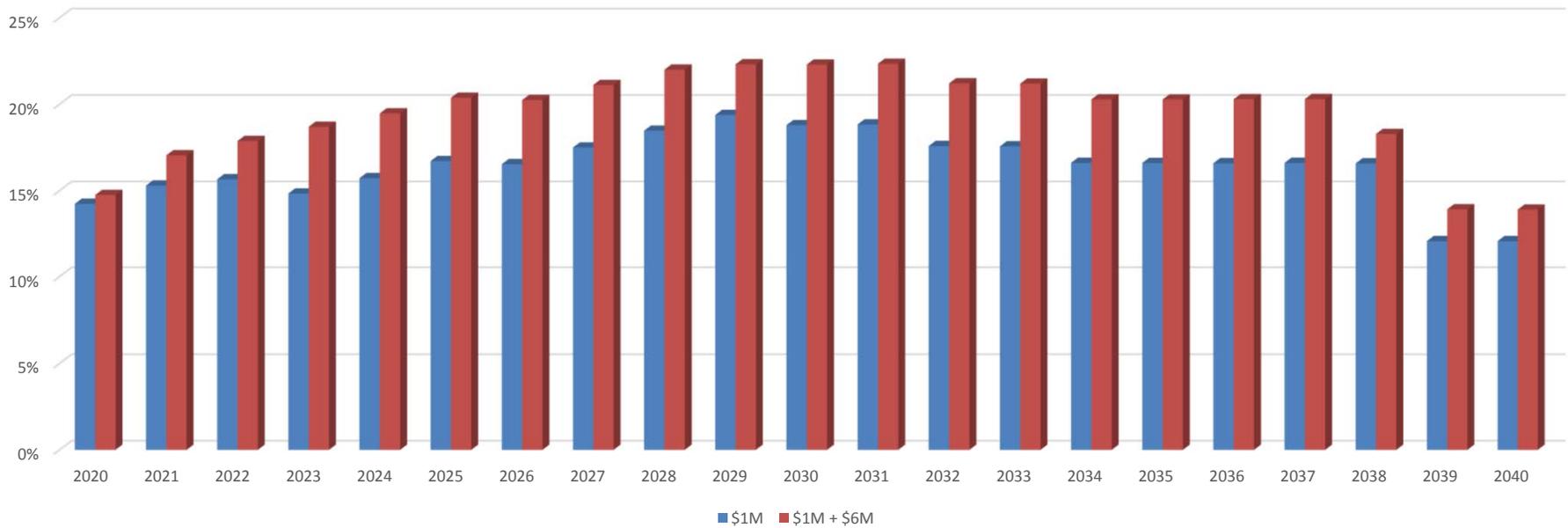
The 2 Questions Everyone is Thinking

1. Will these major CIP projects comply with the new policy?
2. How much will a homeowner pay for these major CIP projects?

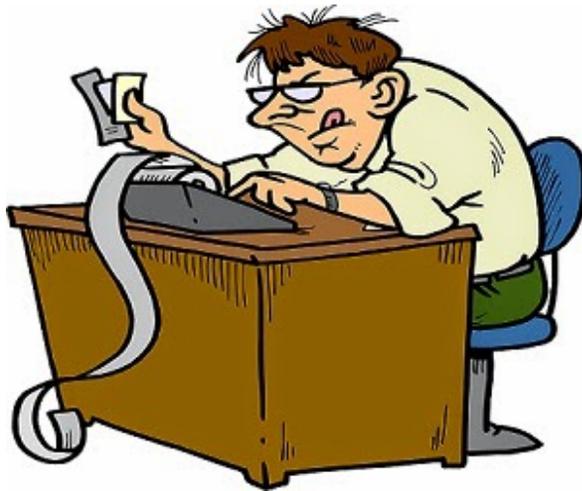


Do We Comply With New Policy?

Debt Service Max as a Percentage of the Operating Revenue
(Propose 25% of Operating Revenue)



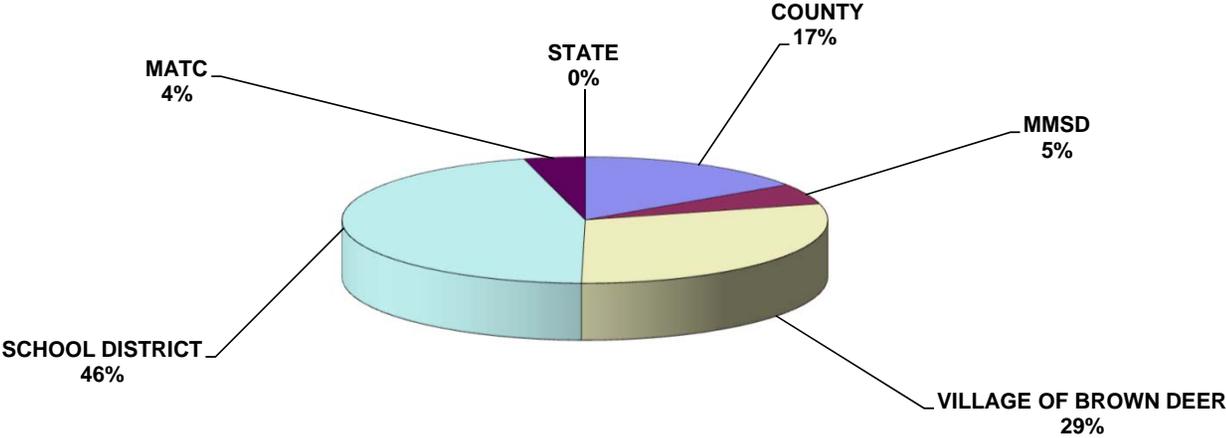
Understanding Taxes



- There are many factors that go into estimating how much a homeowner will pay:
 - Interest rates on the General Obligation (GO) bond
 - Assessed value / Tax Rate
 - Other taxing jurisdictions
 - The value of the property

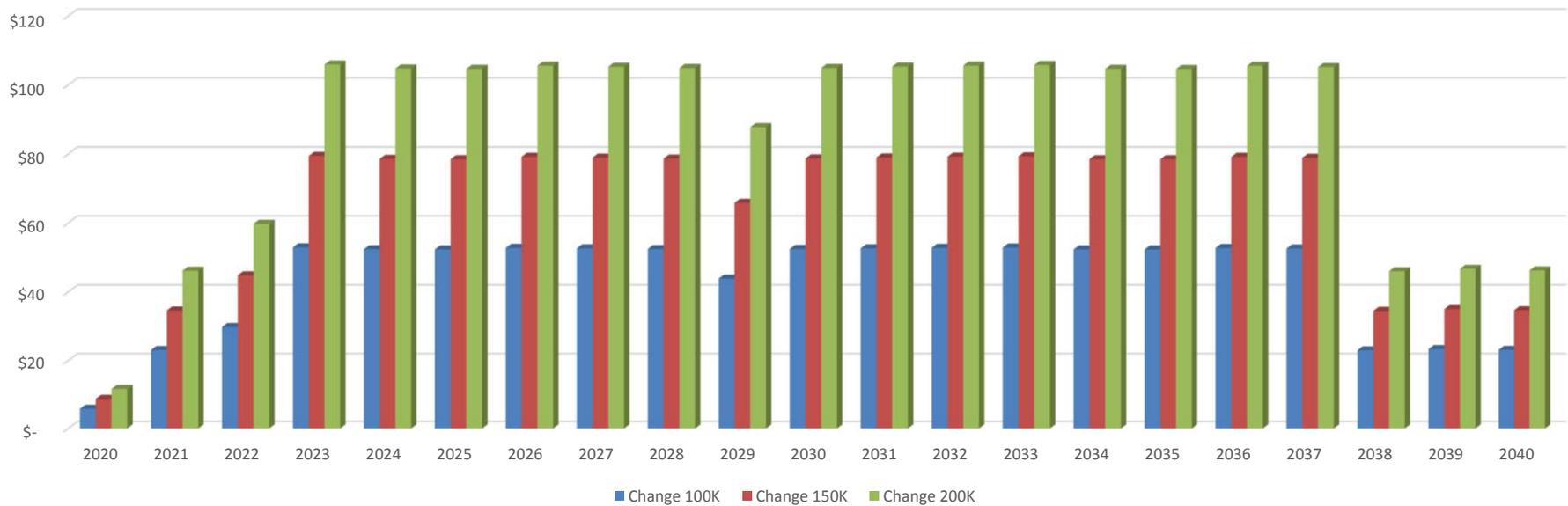
Gross Tax Rate by Taxing Jurisdiction

Village of Brown Deer is 29% of the Property Taxes



How Much Will Homeowner Pay?

How much more will a home pay if the Village borrows \$6 Million for both mayor projects?
 Assuming the assessed value stays the same / Assuming higher than market interest rate
 Average home value in Brown Deer is \$129,170 and will pay approximately \$68





**2020-2024
Capital
Improvement
Plan**

2020 CIP

Project Description	Project Number	2020 Project Requests	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$4,261,262	\$372,000	\$11,000	
Community Services						
Crack sealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
API Park		\$100,000				\$100,000
Sidewalk Project Teutonia		\$225,000				\$225,000
Sidewalk Project 51st street		\$500,000				\$500,000
Police Department						
Police Vehicles		\$105,000		\$105,000		
Police Equipment		\$65,000		\$20,000		\$45,000
Fire Department						
Annual contribution for capital		\$211,262	\$211,262			
Dispatch Center						
Annual contribution for capital		\$30,000	\$30,000			
Manager's Office						
Computer replacement program		\$12,000		\$12,000		
Computer Servers and Software		\$69,500		\$69,500		
Window & Door Replacement (101)		\$5,500		\$5,500		
Window Replacement (Village Hall)		\$25,000		\$25,000		
LED Light Replacement (Village Hall)		\$15,000		\$15,000		
Boiler Replacement		\$50,000		\$50,000		
Library						
New Library		\$3,500,000	\$3,500,000			
Park and Recreation						
Pond Chairs and Umbrellas		\$5,000			\$5,000	
Park Trash Can Replacement		\$6,000			\$6,000	
Public Works						
3/4 Ton Patrol Truck (Truck # 73)		\$40,000		\$40,000		
Beautification Projects		\$5,000		\$0		\$5,000
Shop Tools & Equipment		\$15,000		\$10,000		\$5,000
Emerald Ash Borer Treatment		\$25,000		\$20,000		\$5,000
Total						
		\$5,529,262	\$4,261,262	\$372,000	\$11,000	\$885,000
Balance						
			\$0	\$0	\$0	



2021 CIP

Project Description	Project Number	2021 Total Project Cost	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$767,604	\$372,000		
Community Services						
Cracksealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
County Line Road (Joint project)		\$30,000		\$30,000		
Police Department						
Police Vehicles		\$135,000		\$135,000		
Police Equipment		\$85,000		\$85,000		
Fire Department						
Annual contribution for capital		\$212,604	\$212,604			
Dispatch Center						
Annual contribution for capital		\$35,000	\$35,000			
Manager's Office						
Computer replacement program		\$12,000		\$12,000		
Window Replacement		\$25,000		\$25,000		
Library						
		\$0				
Park and Recreation						
Public Works						
Patrol Truck Pick-Up Crew No. 74		\$40,000		\$40,000		
Beautification Projects		\$5,000		\$5,000		
Shop Tools & Equipment		\$15,000		\$15,000		
Emerald Ash Borer Treatment		\$25,000		\$25,000		
Total						
		\$1,139,604	\$767,604	\$372,000	\$0	\$0
Balance						
			\$0	\$0	\$0	



2022 CIP

Project Description	Project Number	2022 Total Project Cost	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$4,073,000	\$372,000		
Community Services						
Cracksealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
County Line Road (Joint project)		\$300,000	\$300,000			
Bradley Rd (East) RR Tracks - STH 57		\$500,000	\$500,000			
Green Bay / Brown Deer Streetscape		\$2,500,000	\$2,500,000			
API Park		\$130,000		\$130,000		
Police Department						
Police Vehicles		\$110,000		\$110,000		
Police Equipment		\$50,000		\$50,000		
Fire Department						
Annual contribution for capital		\$214,000	\$214,000			
Dispatch Center						
Annual contribution for capital		\$39,000	\$39,000			
Manager's Office						
Window Replacement		\$20,000		\$20,000		
Computer replacement program		\$12,000		\$12,000		
Library						
		\$0				
Park and Recreation						
Public Works						
Beautification Projects		\$10,000		\$10,000		
Shop Tools & Equipment		\$15,000		\$15,000		
Emerald Ash Borer Treatment		\$25,000		\$25,000		
Total						
		\$4,445,000	\$4,073,000	\$372,000	\$0	\$0
Balance						
			\$0	\$0	\$0	



2023 CIP

Project Description	Project Number	2023 Total Project Cost	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$778,000	\$372,000		
Community Services						
Cracksealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
Sidewalk Project		\$120,000		\$120,000		
Police Department						
Police Vehicles		\$145,000		\$145,000		
Police Equipment		\$35,000		\$35,000		
Fire Department						
Annual contribution for capital		\$216,000	\$216,000			
Dispatch Center						
Annual contribution for capital		\$42,000	\$42,000			
Manager's Office						
Window Replacement		\$15,000		\$15,000		
Computer replacement program		\$12,000		\$12,000		
Library						
		\$0				
Park and Recreation						
Public Works						
Beautification Projects		\$5,000		\$5,000		
Shop Tools & Equipment		\$15,000		\$15,000		
Emerald Ash Borer Treatment		\$25,000		\$25,000		
Total						
		\$1,150,000	\$778,000	\$372,000	\$0	\$0
Balance						
			\$0	\$0	\$0	



2024 CIP

Project Description	Project Number	2023 Total Project Cost	GO Debt	Property Tax Levy	Grants	Unfunded Requests
Available Funds			\$778,000	\$372,000		
Community Services						
Cracksealing		\$20,000	\$20,000			
Re-Paving Program		\$500,000	\$500,000			
Police Department						
Police Vehicles		\$115,000		\$115,000		
Police Equipment		\$20,000		\$20,000		
Fire Department						
Annual contribution for capital		\$216,000	\$216,000			
Dispatch Center						
Annual contribution for capital		\$42,000	\$42,000			
Manager's Office						
Window Replacement		\$15,000		\$15,000		
Computer replacement program		\$12,000		\$12,000		
Library						
		\$0				
Park and Recreation						
Public Works						
Bucket Truck		\$110,000		\$110,000		
Beautification Projects		\$5,000		\$5,000		
Shop Tools & Equipment		\$15,000		\$15,000		
Emerald Ash Borer Treatment		\$25,000		\$25,000		
Total						
		\$1,095,000	\$778,000	\$317,000	\$0	\$0
Balance						
			\$0	\$55,000	\$0	





Enterprise Projects

One Major Stormwater Project

Former Glendale Clinic

- The building sits in the flood plain and can't be modified without impacting the flood plain
- The owners want to sell the property to the Village for a detention pond.
- The Village will obtain grants from MMSD and DNR to buy the property and remove the building.
- The DOT will use this property as a detention pond for the reconstruction project of Green Bay Rd. in 2022



2020 Enterprise CIP

Project Description	Project Number	2020 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/20/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/20/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/20/03	\$150,000		\$150,000		
Generator	SAN/20/04	\$40,000	\$40,000			
Sewer Total		\$615,000	\$240,000	\$250,000	\$0	\$125,000
StormWater Projects						
Ditch Rehabilitation Program	STM/20/01	\$200,000	\$200,000			
Topsoil Screener Replacement	STM/20/02	\$100,000	\$100,000			
Bradley Road Box Culvert	STM/18/02	\$25,000				\$25,000
Brooklane Basin (Dean rd. to 47th)	STM/19/04	\$25,000				\$25,000
StormWater Total		\$200,000	\$300,000	\$0	\$0	\$50,000
Water Projects						
Main Relays	WAT-004	\$230,000			\$80,000	\$150,000
Water Standpipe Maintenance	WAT-004	\$50,000	\$50,000			
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Meter Vault Upgrade - 43rd Street	WAT-015	\$75,000	\$75,000			
Water Total		\$420,000	\$190,000	\$0	\$80,000	\$150,000
Total Debt	\$325,000					



2021 Enterprise CIP

Project Description	Project Number	2021 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/20/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/20/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/20/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000
StormWater Projects						
Ditch Rehabilitation Program	STM/20/01	\$200,000	\$200,000			
Churchill Basin Naturalization	STM/18/02	\$25,000				\$25,000
Brooklane Basin (Dean rd. to 47th)	STM/19/04	\$200,000				\$200,000
Bradley Road Box Culvert	STM/18/02	\$175,000				\$175,000
StormWater Total		\$200,000	\$200,000	\$0	\$0	\$400,000
Water Projects						
Main Relays	WAT-004	\$300,000			\$150,000	\$150,000
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Dump truck repair	WAT-013	\$3,000	\$3,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Water Total		\$368,000	\$68,000	\$0	\$150,000	\$150,000
Total Debt	\$675,000					



2022 Enterprise CIP

Project Description	Project Number	2021 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/21/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/21/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/21/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000
StormWater Projects						
Ditch Rehabilitation Program	STM/21/01	\$200,000	\$200,000			
Topsoil Screener Replacement	STM/21/02	\$100,000	\$100,000			
Churchill Basin Naturalization	STM/18/02	\$200,000				\$200,000
StormWater Total		\$200,000	\$300,000	\$0	\$0	\$0
Water Projects						
Main Relays	WAT-004	\$125,000				\$125,000
Water Standpipe Maintenance	WAT-004	\$500,000			\$500,000	
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Water Total		\$690,000	\$65,000	\$0	\$500,000	\$125,000
Total Debt	\$250,000					



2023 Enterprise CIP

Project Description	Project Number	2021 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/21/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/21/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/21/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000
StormWater Projects						
Ditch Rehabilitation Program	STM/21/01	\$200,000	\$200,000			
Topsoil Screener Replacement	STM/21/02	\$100,000	\$100,000			
StormWater Total		\$200,000	\$300,000	\$0	\$0	\$0
Water Projects						
Main Relays	WAT-004	\$280,000				\$280,000
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Water Total		\$345,000	\$65,000	\$0	\$0	\$280,000
Total Debt		\$405,000				



2024 Enterprise CIP

Project Description	Project Number	2021 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/21/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/21/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/21/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000
StormWater Projects						
Ditch Rehabilitation Program	STM/21/01	\$200,000	\$200,000			
Topsoil Screener Replacement	STM/21/02	\$100,000	\$100,000			
StormWater Total		\$200,000	\$300,000	\$0	\$0	\$0
Water Projects						
Main Relays	WAT-004	\$280,000				\$280,000
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$30,000	\$30,000			
Hydrants, Valve Services	WAT-015	\$30,000	\$30,000			
Water Total		\$345,000	\$65,000	\$0	\$0	\$280,000
Total Debt	\$405,000					



The End

