

VILLAGE BOARD MEETING
Monday, October 5, 2015
Earl McGovern Board Room, 6:30 P.M.

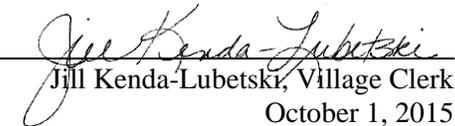


PLEASE TAKE NOTICE that a meeting of the Brown Deer Village Board will be held at the Village Hall of the Village of Brown Deer, 4800 West Green Brook Drive, Brown Deer, Wisconsin at the above noted time and date, at which the following items of business will be discussed and possibly acted upon:

- I. Roll Call
- II. Pledge of Allegiance
- III. Persons Desiring to be Heard
- IV. Consideration of Minutes: September 21, 2015 Regular Meeting
- V. New Business
 - A) Discussion on Village's Tax Increment District (TID) #2, #3, and #4.
 - B) Discussion on Department of Public Works (DPW) Building (Repair or Replace?)
 - C) Approve the 2016-2020 Capital Improvement Plan (CIP)
- VI. Village President's Report
- VII. Village Committee Chairperson Report
- VIII. Village Manager's Report
- IX. Recess into Closed Session pursuant to §19.85(1) (e) Wisconsin Statutes for the following reasons:

(e) Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session.

 - 4747 West Bradley Rd. Brown Deer
- X. Reconvene into Open Session for Possible Action on Closed Session Deliberation
- XI. Adjournment


Jill Kenda-Lubetski, Village Clerk
October 1, 2015

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 VILLAGE BOARD
SEPTEMBER 21, 2015 MEETING MINUTES
HELD AT THE BROWN DEER VILLAGE HALL
4800 WEST GREEN BROOK DRIVE**

The meeting was called to order by President Krueger at 6:31 P.M.

I. Roll Call

Present: Village President Krueger; Trustees: Awe, Schilz, Springman

Also Present: Michael Hall, Village Manager; John Fuchs, Village Attorney; Erin Hirn, Assistant Village Manager; Michael Kass, Chief of Police; Nate Piotrowski, Director of Community Development; Matthew Maederer, Director of Department of Public Works; Susan Hudson, Treasurer/Comptroller; Alan Markovitz (sp), Attorney; Colleen Banach, Engineering Technician; Brian Van-Klooster, Library Director; Colette Reinke, Attorney

Excused: Boschert, Baker

II. Pledge of Allegiance

III. Persons Desiring to be Heard

Mr. Maederer introduced the new Engineering Technician Colleen Banach. Ms. Banach then gave a brief history of her experience.

Denise Winker from 43rd Street had a complaint about having trouble pulling out of her driveway due to the decreased size of the road. Mr. Maederer reviewed the history of the issues that have come before Traffic & Safety and confirmed this is a new issue. Both Chief Kass and Mr. Maederer reminded the board of the actions that have been done previously regarding 43rd Street. Trustee Awe clarified that the issues brought up previously were different. Mr. Piotrowski confirmed that there was no consensus between residents on 43rd Street on either expanding the road or widening the driveways. President Krueger suggested this be brought up to the Traffic and Public Safety Meeting to look at potential driveway modification options on October 8, 2015.

IV. Consideration of Minutes: August 17, 2015 Regular Meeting

It was moved by Trustee Schilz and seconded by Trustee Awe to approve the amended minutes from the August 17, 2015 - Regular Meeting. The motion carried unanimously.

V. New Business

A) Consideration of Amendment to Substitute Development Agreement with JFS Housing at Deerwood Crossing Phase I, II, and Bradley Crossing 60

Attorney Marcuvitz recommended that JFS Development Agreements are amended so that we are no longer responsible for further payments from the TID for both Phase I and Phase II of Deerwood Crossing and the agreements for Bradley Crossing 60 would remain and continue until 2022. This has been recommended by the CDA Committee. The JFS property that is currently on the market has been excluded from the agreement and it has been reflected in the amendment.

It was moved by Trustee Springman and seconded by Trustee Awe to consider an amendment to substitute Development Agreement with JFS Housing at Deerwood Crossing Phase I, II, and Bradley Crossing 60. The motion carried unanimously.

B) Presentation on Village of Brown Deer 2014 Comprehensive Annual Financial Report (CAFR)

Mr. Shawn Walker from CliftonLarsonAllen LLP gave a presentation going over the financial audit and the Comprehensive Annual Financial Report (CAFR).

It was moved by President Krueger and seconded by Trustee Oates to Purchase a Bi-Directional Amplifier for the Police Department. The motion carried unanimously.

C) Discussion Regarding DPW / 2016 Capital Improvement Plan (CIP) and Tax Incremental District (TID) #4

Mr. Hall reviewed the previous actions that were taken place regarding the DPW project. Mr. Hall then review the history of TIF # 4 and how its health could change due to the decision made regarding the DPW building. The next meeting will be when approval is need for CIP projects.

Trustee Springman wanted to know the value of the Rite Hite property. Mr. Hall confirmed the last assessment of the Rite Hite property was at 1.1 million. Mr. Maederer gave an update on how well the DPW tour event went.

Trustee Schilz asked if financially we could use TIF money to finance the DPW construction. Trustee Awe asked if there are any DNR issues. Mr. Hall clarified that DNR believes the site is clean and there are no issues.

D) Approval to Purchase a Bi-Directional Amplifier for the Police Department

Chief Kass explained that a radio is needed due to changes in Milwaukee County digital radio towers that cannot reach our current radio waves. This needs to be done for public and police safety. The amount would come to \$18,715 and would replace the fabric switch in the CIP budget.

It was moved by President Krueger and seconded by Trustee Springman to Purchase a Bi-Directional Amplifier for the Police Department. The motion carried unanimously.

E) Resolution No. 15-, “Resolution to Terminate Property Insurance Coverage with the Local Government Property Insurance Fund (LGPIF) and Elect Coverage through Municipal Property Insurance Company (MPIC)”

Mr. Hall and Mrs. Hudson explained that the Villages’ original insurance is through the state and has recently raised rates to around \$30,000 and therefore we have changed to a new insurance through the League, Civmic and one other which would save us around \$11,000. The state requires a resolution to cancel insurance. Trustee Awe asked if there was any difference in coverage. Mrs. Hudson said that there will be no change.

It was moved by Trustee Springman and seconded by Trustee Awe to approve Resolution No. 15-, “Resolution to Terminate Property Insurance Coverage with the Local Government Property Insurance Fund (LGPIF) and Elect Coverage through Municipal Property Insurance Company (MPIC)”. The motion carried unanimously.

F) Ordinance No. 15-, “An Ordinance Repealing Chapter 20 IV 1, Chapter 20 Section 3. 1,2,3, and 4., Chapter 20 Section 12 (B) 4, Chapter 20 Section 13 (b) 4 of the Brown Deer Village Code Pertaining to the Brown Deer Fire Prevention and Protection Code”

Attorney Fuchs explained that the state passed a law explaining what governments can do with their codes. We looked at the codes that exceeded state codes and tried to grandfather some codes through. Some were approved others were not. Therefore we need to have board approval of these multiple code changes to apply with state statutes.

It was moved by President Krueger and seconded by Trustee Schilz to approve Ordinance No. 15-, “An Ordinance Repealing Chapter 20 IV 1, Chapter 20 Section 3. 1, 2, 3, and 4. Chapter 20 Section 12 (B) 4, Chapter 20 Section 13 (b) 4 of the Brown Deer Village Code Pertaining to the Brown Deer Fire Prevention and Protection Code” The motion carried unanimously.

G) Ordinance No. 15-, “An Ordinance Amending Section 121-237 (2) (C) of the Brown Deer Village Code Relating to Temporary Political Signs”

Attorney Fuchs explained that there is a temporary sign ordinance based on a federal case law which prohibits regulation based on content. Therefore, we created an amendment to comply with the state statute. Ms. Reinke clarified that we are not allowed to restrict how many signs a resident has on their property.

It was moved by President Krueger and seconded by Trustee Oates to approve Ordinance No. 15-, “An Ordinance Amending Section 121-237 (2) (C) of the Brown Deer Village Code Relating to Temporary Political Signs”. The motion carried unanimously.

H) Resolution No. 15-, “Resolution Approving Distribution Easement Underground WR No. 3748296 IO NO. 10023”

Mr. Piotrowski explained WE Energies proposal to bring electricity to the Lighthouse property. This would go under Beaver Creek. This has been reviewed by Mr. Maederer, Mr. Piotrowski, and Attorney Fuchs who all give this a favorable recommendation. Mr. Schilz asked if there were any costs required from the Village. Mr. Piotrowski confirmed that there were no charges. Trustee Schilz asked if they were responsible Attorney Fuchs will check to see if permit fees are exempt.

It was moved by Trustee Springman and seconded by Trustee Oates to approve Resolution No. 15-, “Resolution Approving Distribution Easement Underground WR No. 3748296 IO NO. 10023” after Attorney Fuchs has checked the permit requirements. The motion carried unanimously.

I) August 2015 Financial Report

Ms. Hudson reported that we have received everything from the county regarding property taxes. Trustee Springman asked how much under we were for hotel room taxes. Ms. Hudson reported that she would gather that information for the board.

J) August 2015 Vouchers

It was moved by President Krueger and seconded by Trustee Springman to approve August 2015 Vouchers. The motion carried unanimously.

VI. Committee Appointment

Elissa Retkowski has been appointed to the Park & Recreation Committee.

It was moved by Trustee Springman and seconded by President Krueger to approve the Committee Appointment. The motion carried unanimously.

VII. Village President's Report

- The North Shore Fire Department met and just a reminded the board of the 20th anniversary event.
- ICC met and the biggest discussion was the schedule for trick or treating which is Saturday October 31, 2015 from 1-4
- Commended a wonderful Beatification Award event

VIII. Village Committee Chairperson Report

None

IX. Village Manager's Report

- Open Book is this Tuesday September 29, 2015 and Wednesday September 30, 2015
- Board of Review is on October 14, 2015
- Badger Meter River Park Ribbon Cutting got changed to Friday October 2, 2015 at 10:30 a.m.

X. Recessed into Closed Session pursuant to §19.85(1) (g) (e) Wisconsin Statutes for the following reasons:

It was moved by Trustee Schilz and seconded by Trustee Oates to recess into Closed Session at 8:11 p.m. The motion carried unanimously.

- (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.**
 - 5091 West Brown Deer Road, Brown Deer, Wisconsin
- (e) **Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session.**
 - 5600 West Bradley Road, Brown Deer, Wisconsin

XI. Reconvene into Open Session for Possible Action on Closed Session Deliberation

It was moved by Trustee Springman and seconded by Trustee Oates to reconvene into Open Session at 8:54 p.m. The motion carried unanimously.

XII. Adjournment

It was moved by Trustee Springman and seconded by Trustee Oates to adjourn at 8:55 p.m. The motion carried unanimously.


Jill Kenda-Lubetski, Village Clerk



REQUEST FOR CONSIDERATION

COMMITTEE:	Village Board
ITEM DESCRIPTION:	Performance Analysis of TIDs #2, #3, and #4
PREPARED BY:	Michael Hall, Village Manager
REPORT DATE:	October 5, 2015
MANAGER'S REVIEW/COMMENTS:	<input type="checkbox"/> No additional comments to this report. <input type="checkbox"/> See additional comments attached.
RECOMMENDATION:	
EXPLANATION:	These analyses were prepared by Baird and show the status of the Village's TIDs. It shows TID #2 ending in 2022 with all expenditures recovered. It shows TID #3 ending in 2032 with all expenditures recovered. The final TID #4 is having financial concerns and will need significant new incremental value to recover the expenditures. The analyses are attached.



"With Proposed TIF Amendment" - Includes 2016 Tax-Exempt Financing

Village of Brown Deer
Tax Increment District No. 2
Cash Flow Proforma Analysis

Assumptions	
Annual Inflation During Life of TID.....	0.00%
2014 Gross Tax Rate (per \$1000 Equalized Value).....	\$31.53
Annual Adjustment to tax rate.....	0.00%
Investment rate.....	0.50%
Data above dashed line are actual	

Example New Issue	
\$1,565,000	
G.O. Promissory Notes	
Dated May 1, 2016	
Amount for Projects.....	\$1,565,000
Capitalized Interest.....	\$0
Cost of Issuance (est.).....	\$58,975
Rounding.....	\$2,687
Less: Reoffering Premium.....	\$61,662

Year	Background Data						Revenues				Expenditures				TID Status			Year
	(a) TIF District Valuation (January 1)	(b) Value of Exempt Computers (December 31)	(c) Inflation Increment	(d) Construction Increment	(e) TIF Increment Over Base	(f) Tax Rate	(g) Tax Revenue	(h) Investment Proceeds	(i) Lighthouse Revenues	(j) Total Revenues	(k) Existing Debt Service	(l) Principal (4/1)	(m) Interest (4/1 & 10/1) TIC = 1.92%	(n) Debt Service	(o) Combined Expenditures	(p) Annual Balance	(q) Year End Cumulative Balance (December 31)	
	\$11,979,900																	
2012	\$33,205,100	\$50,900			\$25,514,000	\$31.69											\$147,060	2012
2013	\$37,443,000	\$59,000			\$27,568,100	\$32.83											\$197,866	2013
2014	\$39,489,000	\$52,500			\$28,053,600	\$31.53	\$837,655	\$989	\$838,645	\$559,555				\$559,555	\$279,090	\$476,956	2014	
2015	\$39,981,000	\$52,500			\$28,053,600	\$31.53	\$869,222	\$2,385	\$898,607	\$554,428				\$554,428	\$344,179	\$821,135	2015	
2016	\$39,981,000	\$52,500	\$0		\$28,053,600	\$31.53	\$884,530	\$4,106	\$915,636	\$767,438				\$767,438	\$148,198	\$969,333	2016	
2017	\$39,981,000	\$52,500	\$0		\$28,053,600	\$31.53	\$884,530	\$4,847	\$889,377	\$769,906	\$230,000	\$55,500	\$285,500	\$1,055,406	(\$166,030)	\$803,303	2017	
2018	\$39,981,000	\$52,500	\$0		\$28,053,600	\$31.53	\$884,530	\$4,017	\$888,547	\$774,266	\$255,000	\$33,650	\$288,650	\$1,062,916	(\$174,370)	\$628,933	2018	
2019	\$39,981,000	\$52,500	\$0	\$1,500,000	\$29,553,600	\$31.53	\$884,530	\$3,145	\$887,675	\$771,991	\$260,000	\$27,850	\$287,850	\$1,059,841	(\$172,167)	\$456,767	2019	
2020	\$41,481,000	\$52,500	\$0		\$29,553,600	\$31.53	\$884,530	\$2,284	\$886,814	\$768,051	\$265,000	\$20,625	\$285,625	\$1,053,676	(\$166,862)	\$289,904	2020	
2021	\$41,481,000	\$52,500	\$0		\$29,553,600	\$31.53	\$931,825	\$1,450	\$933,275	\$772,104	\$275,000	\$12,525	\$287,525	\$1,059,629	(\$126,354)	\$163,550	2021	
2022	\$41,481,000	\$52,500	\$0		\$29,553,600	\$31.53	\$931,825	\$818	\$932,643	\$774,291	\$280,000	\$4,200	\$284,200	\$1,058,491	(\$125,848)	\$37,702	Expenditures Recovered 2022	
				\$0	\$1,500,000		\$7,993,177	\$24,039	\$54,000	\$8,071,216	\$6,512,030	\$1,565,000	\$154,350	\$1,719,350	\$8,231,380			

Type of TID: Created Before 10/1/1995 (not required to declare type)
1995 TID Inception (1/16/1995)
2017 Final Year to Incur TIF Related Costs
2022 Maximum Legal Life of TID (27 Years)

(1) Increment per draft project plan.

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Current Status

Village of Brown Deer
Tax Increment District No. 4
Cash Flow Proforma Analysis

Assumptions	
Annual Inflation During Life of TID	0.00%
2014 Gross Tax Rate (per \$1000 Equalized Value)	\$31.53
Annual Adjustment to tax rate	0.00%
Investment rate	0.50%

Data above dashed line are actual

Year	Background Data						Revenues			Expenditures						TID Status			Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)				
	TIF District Valuation (January 1)	Value of Exempt Computers (December 31)	Inflation Increment	Construction Increment	TIF Increment Over Base	Tax Rate	Tax Revenue	Investment Proceeds	Total Revenues	Principal	Interest	Existing Debt Service	Principal	Interest	Debt Service	Combined Expenditures	Annual Balance	Year End Cumulative Balance (December 31)	
	Base Value \$19,798,600																		
2012	\$22,564,100	\$83,000	\$0	\$0	\$2,741,500	\$31.69													
2013	\$22,457,100	\$92,900	\$0	\$0	\$2,344,200	\$32.83													
2014	\$22,049,900	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$90,007	\$0	\$90,007	\$225,000	\$128,345	\$353,345	\$16,570	\$8,291	\$24,861	\$377,440	(\$304,286)	(\$1,357,581)	
2015	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$230,000	\$123,549	\$353,549	\$17,074	\$7,787	\$24,861	\$378,410	(\$325,809)	(\$1,683,391)	
2016	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$240,000	\$118,192	\$358,192	\$17,593	\$7,268	\$24,861	\$383,053	(\$330,452)	(\$2,013,843)	
2017	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$245,000	\$112,244	\$357,244	\$18,128	\$6,733	\$24,861	\$382,105	(\$329,504)	(\$2,343,347)	
2018	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$250,000	\$105,925	\$355,925	\$18,680	\$6,181	\$24,861	\$380,786	(\$328,185)	(\$2,671,532)	
2019	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$255,000	\$99,343	\$354,343	\$19,248	\$5,613	\$24,861	\$379,204	(\$326,603)	(\$2,998,136)	
2020	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$265,000	\$92,233	\$357,233	\$19,833	\$5,028	\$24,861	\$382,094	(\$329,494)	(\$3,327,630)	
2021	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$270,000	\$84,616	\$354,616	\$20,437	\$4,424	\$24,861	\$379,477	(\$326,876)	(\$3,654,506)	
2022	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$280,000	\$76,430	\$356,430	\$21,058	\$3,803	\$24,861	\$381,291	(\$328,691)	(\$3,983,197)	
2023	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$290,000	\$67,566	\$357,566	\$21,699	\$3,162	\$24,861	\$382,427	(\$329,827)	(\$4,313,023)	
2024	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$295,000	\$58,173	\$353,173	\$22,359	\$2,502	\$24,861	\$378,034	(\$325,433)	(\$4,638,456)	
2025	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$305,000	\$48,197	\$353,197	\$23,039	\$1,822	\$24,861	\$378,058	(\$325,458)	(\$4,963,914)	
2026	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$320,000	\$37,442	\$357,442	\$23,740	\$1,121	\$24,861	\$382,303	(\$329,703)	(\$5,293,617)	
2027	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$330,000	\$28,964	\$355,964	\$24,461	\$399	\$24,860	\$380,824	(\$328,223)	(\$5,621,840)	
2028	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$265,000	\$15,131	\$280,131				\$280,131	(\$227,531)	(\$5,849,371)	
2029	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601	\$270,000	\$5,090	\$275,090				\$275,090	(\$222,489)	(\$6,071,859)	
2030	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601							\$52,601	(\$6,019,259)		
2031	\$21,373,800	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$92,601	\$0	\$92,601							\$52,601	(\$5,966,658)		
2032							\$1,058,138	\$0	\$1,058,138				\$300,000	\$72,914	\$372,914	\$6,258,934			

Type of TID: Blight Elimination
2005 TID Inception (3/7/2005)
2027 Final Year to Incur TIF Related Costs
2032 Maximum Legal Life of TID (27 Years)

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Current Status-Increment Needed

**Village of Brown Deer
Tax Increment District No. 4
Cash Flow Proforma Analysis**

Assumptions	
Annual Inflation During Life of TID	0.00%
2014 Gross Tax Rate (per \$1000 Equalized Value)	\$31.53
Annual Adjustment to tax rate	0.00%
Investment rate	0.50%
Data above dashed line are actual	

Year	Background Data						Revenues			Expenditures						TID Status			Year
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)				
	TIF District Valuation (January 1) (\$19,799,600)	Value of Exempt Computers (December 31)	Inflation Increment	Construction Increment	TIF Increment Over Base	Tax Rate	Tax Revenue	Investment Proceeds	Total Revenues	Principal	Interest	Existing Debt Service	Example TIF Loan Repayment Principal	Interest	Debt Service	Combined Expenditures	Annual Balance	Year End Cumulative Balance	
2012	\$22,564,100	\$83,000	\$0	\$0	\$2,741,500	\$31.69	\$73,920	\$0	\$73,920	\$225,000	\$128,345	\$353,345	\$16,570	\$8,291	\$24,861	\$377,440	(\$287,433)	(\$765,862)	
2013	\$22,457,100	\$92,900	\$0	\$0	\$2,344,200	\$32.83	\$90,007	\$0	\$90,007	\$220,000	\$132,579	\$352,579	\$16,081	\$8,780	\$24,861	\$377,440	(\$304,286)	(\$1,357,581)	
2014	\$22,049,900	\$92,900	\$0	\$0	\$1,668,100	\$31.53	\$90,007	\$0	\$90,007	\$230,000	\$123,549	\$353,549	\$17,074	\$7,787	\$24,861	\$378,410	(\$325,809)	(\$1,683,391)	
2015	\$21,373,800	\$92,900	\$0	\$0	\$1,182,611.5	\$31.53	\$90,007	\$0	\$90,007	\$240,000	\$118,192	\$358,192	\$17,593	\$7,268	\$24,861	\$383,053	\$42,464	(\$1,640,927)	
2016	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$245,000	\$112,244	\$357,244	\$18,128	\$6,733	\$24,861	\$382,105	\$43,412	(\$1,597,515)	
2017	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$250,000	\$105,925	\$355,925	\$18,680	\$6,181	\$24,861	\$380,786	\$44,731	(\$1,552,784)	
2018	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$255,000	\$99,343	\$354,343	\$19,248	\$5,613	\$24,861	\$379,204	\$46,313	(\$1,506,471)	
2019	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$265,000	\$92,233	\$357,233	\$19,833	\$5,028	\$24,861	\$382,094	\$43,423	(\$1,463,049)	
2020	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$270,000	\$84,616	\$354,616	\$20,437	\$4,424	\$24,861	\$379,477	\$46,040	(\$1,417,009)	
2021	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$280,000	\$76,430	\$356,430	\$21,058	\$3,803	\$24,861	\$381,291	\$44,226	(\$1,372,783)	
2022	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$290,000	\$67,566	\$357,566	\$21,699	\$3,162	\$24,861	\$382,427	\$43,090	(\$1,329,693)	
2023	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$295,000	\$58,173	\$353,173	\$22,359	\$2,502	\$24,861	\$378,034	\$47,483	(\$1,282,211)	
2024	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$305,000	\$48,197	\$353,197	\$23,039	\$1,822	\$24,861	\$378,058	\$47,459	(\$1,234,752)	
2025	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$320,000	\$37,442	\$357,442	\$23,740	\$1,121	\$24,861	\$382,303	\$43,213	(\$1,191,539)	
2026	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$330,000	\$28,964	\$355,964	\$24,461	\$399	\$24,860	\$380,824	\$44,693	(\$1,146,846)	
2027	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$265,000	\$15,131	\$280,131				\$280,131	\$145,386	(\$1,001,460)	
2028	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$270,000	\$5,090	\$275,090				\$275,090	\$150,427	(\$851,633)	
2029	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517								\$425,517	(\$425,516)	
2030	\$33,199,915	\$92,900	\$0	\$0	\$13,494,215	\$31.53	\$425,517	\$0	\$425,517								\$425,517	(\$1)	Expenditures Recovered
2031																			
2032																			
					\$11,826,115				\$7,024,797	\$0	\$7,024,797		\$4,555,000	\$1,331,020	\$5,886,020	\$300,000	\$72,914	\$372,914	\$6,258,934

Type of TID: Blight Elimination
 2005 TID Inception (3/7/2005)
 2027 Final Year to Incur TIF Related Costs
 2032 Maximum Legal Life of TID (27 Years)

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History of TIF #4 (original Village)

Tax Increment Finance District #4 was created on March 7th 2005

There were 7 goals for TIF #4

1. To eliminate blight by providing appropriate financial incentives to encourage private redevelopment efforts.
2. To eliminate blight by acquisition of dilapidated structures and the relocation of non-compatible business.
3. To enhance the viability of businesses and uses in the area
4. To improve the overall appearance of public and private spaces through streetscape, community identity, and traffic and accessibility improvements.
5. To increase the retention of existing businesses and the attraction of compatible new business.
6. To reduce the risk to the taxpayer by timing the implementation of the Project Plan with the creation of additional property value.
7. To enhance the cohesiveness of mixed uses within the district, blending boundaries, maximizing modes of transportation, and retaining and cultivating preserved lands.

Total estimated project costs were: \$6,471,758

Economic feasibility and methods of financing TIF #4

- In order to evaluate the economic feasibility of the TID, it is necessary to project the amount of tax incremental revenue that can reasonably be generated from the district.

The assumptions were as follows:

1. Inflation rate was projected to be 3% per year – meaning the value of property would increase 3% each year.
2. Increase in property values of the following location would increase
 - a. Hanson Storage / Medical Art's Building Sites \$4,500,000 in 2006
 - b. Original Village Planned Development District \$4,000,000 - \$6,500,000 additional value 2005/2006
 - c. Additional commercial development \$2,000,000 to occur in 2007 and beyond

All of this was estimated to generate \$12,945,384 of cumulative balance

Village of Brown Deer Tax Increment District No. 4 Cash Flow Proforma Analysis

Assumptions

Annual Inflation (Residential) During Life of TID..... 3.00%
 Annual Inflation (Commercial) During Life of TID..... 3.00%
 2003 gross tax rate (per \$100 equal. value)..... \$25.68
 Investment rate for DSRF & Inv. Proceeds..... 1.00%
 Annual tax rate change..... 0.00%
 Data above dashed line are actual

Example New Issue

General Obligation Bonds
 dated April 1, 2009

Amount for Projects..... \$1,500,000
 Capitalized Interest (to 4/1/08)..... \$250,958
 Cost of Issuance (est.)..... \$35,800
 Rounding..... \$3,243

Background Data				Revenues				Expenditures				TID Status				
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
Val. Date	TIF District Valuation (January 1)	Inflation Increment	Increment (1)	TIF Increment Over Base	Tax Rate	Tax Revenue	Investment Proceeds	Total Revenues	Principal (4/1)	Interest (4/1 & 10/1) avg = 4.78%	Debt Service	Debt Service (2)	Combined Debt Service	Annual Balance	Year End Cumulative Balance (December 31)	Cost Recovery
2005	\$17,286,000															
2005	\$17,206,000	\$516,180	\$3,250,000	\$3,766,180	\$25.68	\$96,716	\$2,510	\$0		\$125,479	\$125,479	\$206,250	\$125,479	\$250,958	\$250,958	
2006	\$20,972,180	\$880,540	\$2,900,000	\$12,145,345	\$25.68	\$311,892	\$1,280	\$2,510		\$83,653	\$83,653	\$281,250	\$289,903	(\$181,907)	\$127,988	
2007	\$29,351,345	\$965,965	\$15,025,896	\$15,992,042	\$25.68	\$385,865	\$0	\$97,995		\$83,653	\$83,653	\$206,250	\$344,903	(\$83,010)	(\$63,919)	
2008	\$33,198,842	\$1,025,844	\$16,988,808	\$18,014,652	\$25.68	\$436,273	\$0	\$385,865		\$83,653	\$83,653	\$220,000	\$303,653	(\$14,717)	(\$96,929)	
2009	\$34,184,808	\$1,056,620	\$19,071,271	\$19,071,271	\$25.68	\$462,618	\$923	\$437,196		\$81,800	\$176,800	\$220,000	\$303,653	\$107,044	\$92,327	
2010	\$35,220,652	\$1,088,318	\$21,280,557	\$21,280,557	\$25.68	\$489,750	\$2,939	\$464,875	\$95,000	\$77,998	\$173,798	\$220,000	\$396,800	\$107,044	\$225,870	
2011	\$36,277,271	\$1,120,968	\$22,435,154	\$22,435,154	\$25.68	\$517,698	\$2,988	\$479,786	\$100,000	\$69,440	\$174,440	\$220,000	\$396,800	\$107,044	\$293,945	
2012	\$37,365,590	\$1,154,597	\$23,624,369	\$23,624,369	\$25.68	\$546,485	\$2,988	\$497,470	\$100,000	\$69,440	\$174,440	\$220,000	\$396,800	\$107,044	\$208,800	
2013	\$38,486,557	\$1,189,235	\$24,849,300	\$24,849,300	\$25.68	\$576,135	\$1,210	\$519,923	\$100,000	\$69,440	\$174,440	\$220,000	\$396,800	\$107,044	\$150,464	
2014	\$39,641,154	\$1,226,169	\$26,110,959	\$26,110,959	\$25.68	\$606,674	\$1,175	\$547,549	\$100,000	\$69,440	\$174,440	\$220,000	\$396,800	\$107,044	\$120,963	
2015	\$40,830,389	\$1,269,509	\$27,410,468	\$27,410,468	\$25.68	\$638,130	\$1,521	\$577,607	\$100,000	\$69,440	\$174,440	\$220,000	\$396,800	\$107,044	\$117,485	
2016	\$42,055,300	\$1,338,494	\$28,748,962	\$28,748,962	\$25.68	\$670,529	\$2,168	\$609,361	\$120,000	\$54,353	\$174,700	\$400,513	\$574,275	\$34,574	\$152,059	
2017	\$43,316,959	\$1,378,649	\$30,127,611	\$30,127,611	\$25.68	\$703,901	\$2,168	\$642,733	\$130,000	\$48,570	\$178,570	\$401,625	\$580,195	\$64,766	\$216,845	
2018	\$44,616,468	\$1,420,609	\$31,547,619	\$31,547,619	\$25.68	\$739,273	\$3,093	\$678,186	\$135,000	\$42,341	\$177,341	\$401,913	\$579,254	\$92,503	\$309,348	
2019	\$45,954,962	\$1,462,609	\$33,010,228	\$33,010,228	\$25.68	\$776,677	\$5,978	\$714,655	\$140,000	\$35,740	\$175,740	\$406,238	\$581,978	\$160,667	\$437,088	
2020	\$47,333,611	\$1,506,487	\$34,516,715	\$34,516,715	\$25.68	\$810,143	\$7,942	\$752,205	\$150,000	\$28,633	\$178,633	\$404,600	\$583,233	\$196,422	\$597,755	
2021	\$48,753,619	\$1,551,681	\$36,063,396	\$36,063,396	\$25.68	\$847,703	\$10,341	\$789,043	\$155,000	\$12,963	\$177,963	\$403,713	\$581,183	\$239,902	\$794,177	
2022	\$50,216,229	\$1,598,232	\$37,666,628	\$37,666,628	\$25.68	\$886,389	\$13,104	\$828,494	\$165,000	\$4,378	\$174,378	\$404,188	\$578,565	\$276,358	\$1,034,079	
2023	\$51,722,715	\$1,646,179	\$39,312,807	\$39,312,807	\$25.68	\$926,236	\$16,314	\$869,950	\$170,000	\$0	\$0	\$404,188	\$578,565	\$320,929	\$1,310,448	
2024	\$53,274,396	\$1,695,564	\$41,008,371	\$41,008,371	\$25.68	\$967,279	\$21,704	\$912,983	\$0	\$0	\$0	\$403,563	\$583,233	\$370,929	\$1,681,376	
2025	\$54,872,628	\$1,746,431	\$42,754,802	\$42,754,802	\$25.68	\$1,009,553	\$30,104	\$953,656	\$0	\$0	\$0	\$403,563	\$583,233	\$420,929	\$2,052,302	
2026	\$56,518,807	\$1,798,824	\$44,553,626	\$44,553,626	\$25.68	\$1,053,095	\$40,500	\$1,003,595	\$0	\$0	\$0	\$403,563	\$583,233	\$470,929	\$2,423,231	
2027	\$58,214,371	\$1,852,789	\$46,406,415	\$46,406,415	\$25.68	\$1,107,943	\$51,436	\$1,058,509	\$0	\$0	\$0	\$403,563	\$583,233	\$520,929	\$2,794,160	
2028	\$59,960,802	\$1,908,372	\$48,314,787	\$48,314,787	\$25.68	\$1,174,137	\$62,930	\$1,121,207	\$0	\$0	\$0	\$403,563	\$583,233	\$570,929	\$3,165,089	
2029	\$61,759,626	\$1,965,624	\$50,280,411	\$50,280,411	\$25.68	\$1,241,171	\$75,001	\$1,166,171	\$0	\$0	\$0	\$403,563	\$583,233	\$620,929	\$3,536,018	
2030	\$63,612,415	\$2,024,592	\$52,305,003	\$52,305,003	\$25.68	\$1,316,201	\$87,668	\$1,228,533	\$0	\$0	\$0	\$403,563	\$583,233	\$670,929	\$3,906,947	
2031	\$65,520,787	\$2,085,330	\$54,390,333	\$54,390,333	\$25.68	\$1,391,201	\$100,952	\$1,292,253	\$0	\$0	\$0	\$403,563	\$583,233	\$720,929	\$4,277,876	
2032	\$67,486,411	\$2,147,890	\$56,538,223	\$56,538,223	\$25.68	\$1,464,192	\$114,873	\$1,359,319	\$0	\$0	\$0	\$403,563	\$583,233	\$770,929	\$4,648,805	
2033	\$69,511,003				\$25.68	\$22,174,629	\$665,836	\$22,840,465	\$1,790,000	\$1,219,158	\$3,009,158	\$403,563	\$148,988	\$22,439,363	\$1,392,153	
2034	\$71,596,333				\$25.68											
2035					\$25.68											

(1) Increment per City's Project Plan Dated 12/1/2004.
 (2) Future issues consist of G.O. Bonds; 4/1/06 \$2,500,000; 4/1/07 \$1,500,000

TIF #4 Financial Situation as of 2015

Deerwood Offices Loan 1

Original loan amount \$1,100,000 in 2009

- \$855,000 – Principle remaining from 2016-2028
- \$159,064 – Interest remaining from 2016 -2028

Remaining Total: \$1,014,064

Deerwood Offices Loan 2

Original loan amount \$300,000 in 2013

- \$267,256 – Principle remaining from 2016 - 2032
- \$59,534 – Interest remaining from 2016 -2032

Remaining Total: \$326,790

Improvements to the Original Village Loan

Original loan amount \$3,915,000 in 2010

- \$3,282,606 – Principle remaining from 2016-2030
- \$1,252,546 – Interest remain from 2016-2030

Remaining Total: \$4,535,152

Total outstanding debt

- \$5,876,006

As of December 31, 2014 TIF #4 has a Deficit Balance

- \$1,458,011

Estimated revenues from increment value from 2016 through 2032

- \$1,058,138

Amount to be payed back through Deerwood Office guaranteed values

- \$1,340,854

Total amount estimated the village will owe in 2032

- \$4,938,025

Current Status

Village of Brown Deer Tax Increment District No. 4 Cash Flow Proforma Analysis

Assumptions	
Annual Inflation During Life of TID.....	0.00%
2014 Gross Tax Rate (per \$1000 Equalized Value).....	\$31.53
Annual Adjustment to tax rate.....	0.00%
Investment rate.....	0.50%
Data above dashed line are actual	

Year	Background Data						Revenues			Expenditures					TID Status			Year		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)					
	TIF District Valuation	Value of Exempt Computers	Inflation Increment	Construction Increment	TIF Increment Over Base	Tax Rate	Tax Revenue	Investment Proceeds	Total Revenues	Principal	Interest	Existing Debt Service	Principal	Interest	Debt Service	Combined Expenditures	Annual Balance		Year End Cumulative Balance	Cost Recovery
	(January 1)	(December 31)											Example TIF Loan Repayment				(December 31)			
	Base Value																			
	\$19,798,600																			
2012	\$22,564,100	\$83,000	\$0		\$2,741,500	\$31.69														
2013	\$22,457,100	\$92,900	\$0		\$2,344,200	\$32.83														
2014	\$22,049,900	\$92,900	\$0		\$1,668,100	\$31.53	\$90,007	\$0	\$90,007	\$220,000	\$132,579	\$352,579	\$16,081	\$8,780	\$24,861	\$377,440	(\$287,433)	(\$765,862)		
2015	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$73,920	\$0	\$73,920	\$225,000	\$128,345	\$353,345	\$16,570	\$8,291	\$24,861	\$378,206	(\$304,286)	(\$1,357,581)		
2016	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$230,000	\$123,549	\$353,549	\$17,074	\$7,787	\$24,861	\$378,410	(\$325,809)	(\$1,683,391)		
2017	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$240,000	\$118,192	\$358,192	\$17,593	\$7,268	\$24,861	\$383,053	(\$330,452)	(\$2,013,843)		
2018	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$245,000	\$112,244	\$357,244	\$18,128	\$6,733	\$24,861	\$382,105	(\$329,504)	(\$2,343,347)		
2019	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$250,000	\$105,925	\$355,925	\$18,680	\$6,181	\$24,861	\$380,786	(\$328,185)	(\$2,671,532)		
2020	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$255,000	\$99,343	\$354,343	\$19,248	\$5,613	\$24,861	\$379,204	(\$326,603)	(\$2,998,136)		
2021	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$265,000	\$92,233	\$357,233	\$19,833	\$5,028	\$24,861	\$382,094	(\$329,494)	(\$3,327,630)		
2022	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$270,000	\$84,616	\$354,616	\$20,437	\$4,424	\$24,861	\$379,477	(\$326,876)	(\$3,654,506)		
2023	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$280,000	\$76,430	\$356,430	\$21,058	\$3,803	\$24,861	\$381,291	(\$328,691)	(\$3,983,197)		
2024	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$290,000	\$67,566	\$357,566	\$21,699	\$3,162	\$24,861	\$382,427	(\$329,827)	(\$4,313,023)		
2025	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$295,000	\$58,173	\$353,173	\$22,359	\$2,502	\$24,861	\$378,034	(\$325,433)	(\$4,638,456)		
2026	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$305,000	\$48,197	\$353,197	\$23,039	\$1,822	\$24,861	\$378,058	(\$325,458)	(\$4,963,914)		
2027	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$320,000	\$37,442	\$357,442	\$23,740	\$1,121	\$24,861	\$382,303	(\$329,703)	(\$5,293,617)		
2028	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$330,000	\$25,964	\$355,964	\$24,461	\$399	\$24,860	\$380,824	(\$328,223)	(\$5,621,840)		
2029	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$265,000	\$15,131	\$280,131				\$280,131	(\$227,531)	(\$5,849,371)		
2030	\$21,373,800	\$92,900	\$0		\$1,668,100	\$31.53	\$52,601	\$0	\$52,601	\$270,000	\$5,090	\$275,090				\$275,090	(\$222,489)	(\$6,071,859)		
2031	\$21,373,800					\$31.53	\$52,601	\$0	\$52,601								\$52,601	(\$6,019,259)		
2032							\$52,601	\$0	\$52,601								\$52,601	(\$5,966,658)		
					\$0	\$0			\$1,058,138	\$0	\$1,058,138		\$4,555,000	\$1,331,020	\$5,886,020	\$300,000	\$72,914	\$372,914	\$6,258,934	

Type of TID: Blight Elimination
 2005 TID Inception (3/7/2005)
 2027 Final Year to Incur TIF Related Costs
 2032 Maximum Legal Life of TID (27 Years)

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Current Status-Increment Needed

Village of Brown Deer
Tax Increment District No. 4
Cash Flow Proforma Analysis

Assumptions	
Annual Inflation During Life of TID.....	0.00%
2014 Gross Tax Rate (per \$1000 Equalized Value).....	\$31.53
Annual Adjustment to tax rate.....	0.00%
Investment rate.....	0.50%
Data above dashed line are actual	

Year	Background Data						Revenues			Expenditures					TID Status			Year		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)					
	TIF District Valuation (January 1)	Value of Exempt Computers (December 31)	Inflation Increment	Construction Increment	TIF Increment Over Base	Tax Rate	Tax Revenue	Investment Proceeds	Total Revenues	Principal	Interest	Existing Debt Service	Example TIF Loan Repayment Debt Service		Combined Expenditures	Annual Balance	Year End Cumulative Balance (December 31)		Cost Recovery	
	Base Value \$19,798,600												AVG= 3.00%							
2012	\$22,564,100	\$83,000	\$0		\$2,741,500	\$31.69														
2013	\$22,457,100	\$92,900	\$0		\$2,344,200	\$32.83														
2014	\$22,049,900	\$92,900	\$0		\$1,668,100	\$31.53	\$90,007	\$0	\$90,007	\$220,000	\$132,579	\$352,579	\$16,081	\$8,780	\$24,861	\$377,440	(\$287,433)	(\$765,862)		
2015	\$21,373,800	\$92,900	\$0	\$11,826,115	\$13,494,215	\$31.53	\$73,920	\$0	\$73,920	\$225,000	\$128,345	\$353,345	\$16,570	\$8,291	\$24,861	\$378,206	(\$304,286)	(\$1,357,581)		
2016	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$52,601	\$0	\$52,601	\$230,000	\$123,549	\$353,549	\$17,074	\$7,787	\$24,861	\$378,410	(\$325,809)	(\$1,683,391)		
2017	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$240,000	\$118,192	\$358,192	\$17,593	\$7,268	\$24,861	\$383,053	\$42,464	(\$1,640,927)		
2018	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$245,000	\$112,244	\$357,244	\$18,128	\$6,733	\$24,861	\$382,105	\$43,412	(\$1,597,515)		
2019	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$250,000	\$105,925	\$355,925	\$18,680	\$6,181	\$24,861	\$380,786	\$44,731	(\$1,552,784)		
2020	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$255,000	\$99,343	\$354,343	\$19,248	\$5,613	\$24,861	\$379,204	\$46,313	(\$1,506,471)		
2021	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$265,000	\$92,233	\$357,233	\$19,833	\$5,028	\$24,861	\$382,094	\$43,423	(\$1,463,049)		
2022	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$270,000	\$84,616	\$354,616	\$20,437	\$4,424	\$24,861	\$379,477	\$46,040	(\$1,417,009)		
2023	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$280,000	\$76,430	\$356,430	\$21,058	\$3,803	\$24,861	\$381,291	\$44,226	(\$1,372,783)		
2024	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$290,000	\$67,566	\$357,566	\$21,699	\$3,162	\$24,861	\$382,427	\$43,090	(\$1,329,693)		
2025	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$295,000	\$58,173	\$353,173	\$22,359	\$2,502	\$24,861	\$378,034	\$47,483	(\$1,282,211)		
2026	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$305,000	\$48,197	\$353,197	\$23,039	\$1,822	\$24,861	\$378,058	\$47,459	(\$1,234,752)		
2027	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$320,000	\$37,442	\$357,442	\$23,740	\$1,121	\$24,861	\$382,303	\$43,213	(\$1,191,539)		
2028	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$330,000	\$25,964	\$355,964	\$24,461	\$399	\$24,860	\$380,824	\$44,693	(\$1,146,846)		
2029	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$265,000	\$15,131	\$280,131				\$280,131	\$145,386	(\$1,001,460)		
2030	\$33,199,915	\$92,900	\$0		\$13,494,215	\$31.53	\$425,517	\$0	\$425,517	\$270,000	\$5,090	\$275,090				\$275,090	\$150,427	(\$851,033)		
2031	\$33,199,915					\$31.53	\$425,517	\$0	\$425,517								\$425,517	\$425,517	(\$425,516)	
2032							\$425,517	\$0	\$425,517								\$425,517	\$1	Expenditures Recovered	
					\$0	\$11,826,115			\$7,024,797		\$0	\$7,024,797				\$6,258,934				
									\$4,555,000	\$1,331,020	\$5,886,020	\$300,000	\$72,914	\$372,914	\$6,258,934					

Type of TID: Blight Elimination
 2005 TID Inception (3/7/2005)
 2027 Final Year to Incur TIF Related Costs
 2032 Maximum Legal Life of TID (27 Years)

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Option 1 (Repair DPW)

Village of Brown Deer EXAMPLE FINANCING PLAN

		CIP						
		\$2,775,000						
		G.O. BONDS						
		Dated September 1, 2016						
		(First interest 4/1/17)						
LEVY YEAR	YEAR DUE	EXISTING DEBT SERVICE LEVY SUPPORTED	PRINCIPAL (4/1)	INTEREST (4/1 & 10/1) TIC= 2.75%	TOTAL	FUTURE FINANCINGS (A)	COMBINED DEBT SERVICE LEVY SUPPORTED	YEAR DUE
2014	2015	\$877,146					\$877,146	2015
2015	2016	\$873,876					\$873,876	2016
2016	2017	\$633,618	\$150,000	\$81,741	\$231,741		\$865,359	2017
2017	2018	\$624,402	\$160,000	\$72,238	\$232,238		\$856,640	2018
2018	2019	\$634,577	\$160,000	\$69,038	\$229,038	\$285,185	\$1,148,800	2019
2019	2020	\$628,876	\$165,000	\$65,788	\$230,788	\$280,425	\$1,140,088	2020
2020	2021	\$628,103	\$170,000	\$62,438	\$232,438	\$354,829	\$1,215,369	2021
2021	2022	\$543,402	\$170,000	\$58,188	\$228,188	\$441,613	\$1,213,202	2022
2022	2023	\$332,434	\$175,000	\$53,013	\$228,013	\$650,167	\$1,210,613	2023
2023	2024	\$329,298	\$180,000	\$47,688	\$227,688	\$655,044	\$1,212,029	2024
2024	2025	\$328,570	\$190,000	\$42,138	\$232,138	\$842,158	\$1,402,866	2025
2025	2026	\$182,263	\$195,000	\$36,363	\$231,363	\$990,069	\$1,403,694	2026
2026	2027	\$183,075	\$200,000	\$30,438	\$230,438	\$985,115	\$1,398,627	2027
2027	2028	\$188,250	\$205,000	\$24,363	\$229,363	\$986,319	\$1,403,931	2028
2028	2029	\$187,775	\$210,000	\$17,875	\$227,875	\$991,852	\$1,407,502	2029
2029	2030		\$220,000	\$10,888	\$230,888	\$1,170,456	\$1,401,344	2030
2030	2031		\$225,000	\$3,656	\$228,656	\$1,175,383	\$1,404,040	2031
2031	2032					\$1,338,463	\$1,338,463	2032
2032	2033					\$1,342,946	\$1,342,946	2033
2033	2034					\$1,239,806	\$1,239,806	2034
2034	2035					\$1,237,540	\$1,237,540	2035
2035	2036					\$1,250,944	\$1,250,944	2036
		\$7,175,665	\$2,775,000	\$675,847	\$3,450,847	\$16,218,313	\$26,844,825	

(A) Represents debt service on a \$3,350,000 15 year borrowing in 2018 at 3.25% followed by \$2,000,000 15 year borrowings every two years at 3.25% beginning in 2020. Rates are subject to change. This information is provided for information purposes only. It does not recommend any future issuances and should not be regarded as advice.

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Option 2 (New DPW)

Village of Brown Deer
EXAMPLE FINANCING PLAN

LEVY YEAR	YEAR DUE	EXISTING DEBT SERVICE LEVY SUPPORTED	CIP \$2,125,000 G.O. BONDS Dated September 1, 2016 (First interest 4/1/17)			DPW BUILDING \$6,500,000 G.O. BONDS Dated September 1, 2016 (First interest 4/1/17)			BUSINESS ENTERPRISE SUPPORTED	FUTURE FINANCINGS (A)	COMBINED DEBT SERVICE LEVY SUPPORTED	YEAR DUE
			PRINCIPAL (4/1)	INTEREST (4/1 & 10/1) TIC= 2.76%	TOTAL	PRINCIPAL (4/1)	INTEREST (4/1 & 10/1) TIC= 3.15%	TOTAL				
2014	2015	\$877,146										2015
2015	2016	\$873,876										2016
2016	2017	\$633,618	\$115,000	\$63,444	\$178,444	\$235,000	\$212,638	\$447,638	\$358,110	\$89,528		2017
2017	2018	\$624,402	\$120,000	\$56,125	\$176,125	\$255,000	\$191,200	\$446,200	\$356,960	\$89,240		2018
2018	2019	\$634,577	\$125,000	\$53,675	\$178,675	\$260,000	\$186,050	\$446,050	\$356,840	\$89,210	\$222,898	2019
2019	2020	\$628,876	\$125,000	\$51,175	\$176,175	\$270,000	\$180,750	\$450,750	\$360,600	\$90,150	\$227,200	2020
2020	2021	\$628,103	\$130,000	\$48,625	\$178,625	\$275,000	\$175,300	\$450,300	\$360,240	\$90,060	\$228,148	2021
2021	2022	\$543,402	\$130,000	\$45,375	\$175,375	\$280,000	\$169,050	\$449,050	\$359,240	\$89,810	\$317,694	2022
2022	2023	\$332,434	\$135,000	\$41,400	\$176,400	\$285,000	\$161,275	\$446,275	\$357,020	\$89,255	\$518,177	2023
2023	2024	\$329,298	\$140,000	\$37,275	\$177,275	\$295,000	\$152,575	\$447,575	\$358,060	\$89,515	\$526,813	2024
2024	2025	\$328,570	\$145,000	\$33,000	\$178,000	\$305,000	\$143,575	\$448,575	\$358,860	\$89,715	\$717,015	2025
2025	2026	\$182,263	\$150,000	\$28,575	\$178,575	\$310,000	\$134,350	\$444,350	\$355,480	\$88,870	\$868,013	2026
2026	2027	\$183,075	\$150,000	\$23,888	\$173,888	\$320,000	\$124,900	\$444,900	\$355,920	\$88,980	\$861,227	2027
2027	2028	\$188,250	\$155,000	\$18,931	\$173,931	\$330,000	\$115,150	\$445,150	\$356,120	\$89,030	\$860,763	2028
2028	2029	\$187,775	\$160,000	\$13,813	\$173,813	\$340,000	\$104,675	\$444,675	\$355,740	\$88,935	\$864,790	2029
2029	2030		\$170,000	\$8,450	\$178,450	\$350,000	\$93,463	\$443,463	\$354,770	\$88,693	\$1,046,969	2030
2030	2031		\$175,000	\$2,844	\$177,844	\$365,000	\$81,388	\$446,388	\$357,110	\$89,278	\$1,050,552	2031
2031	2032					\$375,000	\$68,438	\$443,438	\$354,750	\$88,688	\$1,227,206	2032
2032	2033					\$390,000	\$54,563	\$444,563	\$355,650	\$88,913	\$1,225,265	2033
2033	2034					\$405,000	\$39,656	\$444,656	\$355,725	\$88,931	\$1,229,156	2034
2034	2035					\$420,000	\$24,188	\$444,188	\$355,350	\$88,838	\$1,227,215	2035
2035	2036					\$435,000	\$8,156	\$443,156	\$354,525	\$88,631	\$1,226,188	2036
		<u>\$7,175,665</u>	<u>\$2,125,000</u>	<u>\$526,594</u>	<u>\$2,651,594</u>	<u>\$6,500,000</u>	<u>\$2,421,338</u>	<u>\$8,921,338</u>	<u>\$7,137,070</u>	<u>\$1,784,268</u>	<u>\$14,445,285</u>	<u>\$31,409,614</u>

(A) Represents debt service on \$2,000,000 15 year borrowings every two years at 3.25% beginning in 2018. Rates are subject to change. This information is provided for information purposes only. It does not recommend any future issuances and should not be regarded as, advice.

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Project Description	Project Number	2016 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF Funds	Fund Balance	Unfunded Requests
Available Funds			\$1,500,000	\$372,000			\$470,000	
Administration								
Misc. Receivables Software		\$10,785		\$10,785				
Fixed Asset Software		\$12,194						\$12,194
Human Resources Software		\$14,284						\$14,284
Work Order Software		\$12,284						\$12,284
Community Services								
Beaver Creek Floodplain Map Revision		\$15,000					\$15,000	
Park Plaza Court and Stormwater		\$450,000				\$450,000		
Buxton Retail Market Analysis		\$50,000						\$50,000
Bradley Road (East) - Design		\$35,000					\$35,000	
Re-paving Program		\$300,000	\$300,000					
Crack sealing		\$10,000	\$10,000					
W. Fairy Chasm Rd. 51st-60th		\$400,000	\$400,000					
Sidewalk Connection Plan		\$150,000						\$150,000
Web Based GIS		\$50,000						\$50,000
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Vehicles		\$130,000		\$130,000				
Pass Through Evidence Storage		\$24,000	\$24,000					
TASER Enhancement Program		\$13,000		\$13,000				
Body Worn Cameras		\$67,458						\$67,458
Computer Station Replacement		\$9,780						\$9,780
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$200,018					\$200,018	
Dispatch Center								
Annual contribution for capital		\$18,762	\$18,762					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Roof Replacement on PD side		\$90,000	\$90,000					
Village Hall Parking Lot		\$40,000	\$40,000					
Network Fabric Sitch Replacement		\$21,560					\$21,560	
Email Server System		\$25,000					\$25,000	
Paperless Document Management		\$20,000						\$20,000
Library								
Window Replacement		\$32,222						\$32,222
New Carpeting		\$77,220	\$77,220					
Express Self Service		\$111,200						\$111,200
Park and Recreation								
Fairy Chasm Tractor Replacement		\$10,000					\$10,000	
Village Park Roofing Projects		\$9,000	\$9,000					
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
5 YD Truck Replacement		\$175,000		\$175,000				
Radios for DPW - New digital for county		\$25,000					\$25,000	
72-in Zero Turn Mower		\$25,000					\$25,000	
Toolcat Replacement		\$65,000					\$65,000	
Skidsteer		\$65,000					\$65,000	
MC Overhead Doors / Ceiling tile replacement		\$135,000	\$135,000					
MC HVAC / Vehicle exhaust system		\$267,300	\$267,300					
MC Electrical		\$122,600	\$122,600					
Emerald Ash Borer Treatment		\$20,000		\$20,000				
Village Identification Signs		\$5,000					\$5,000	
Beautification Projects		\$5,000						\$5,000
Total		\$3,484,956	\$1,493,882	\$355,785	\$0	\$450,000	\$491,578	\$693,711
Balance			\$6,118	\$16,215			\$755	

Project Description	Project Number	2017 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF FUNDS	Fund Balance	Unfunded Requests
Available Funds			\$1,275,000	\$372,000			\$50,000	
Administration								
Work Order Software		\$12,284		\$12,284				
Fixed Asset Software		\$12,194						\$12,194
Human Resources Software		\$14,284						\$14,284
Community Services								
Bradley Road (East) Sherman - Green Bay		\$525,000	\$525,000					
Buxton Retail Market Analysis		\$50,000						\$50,000
Cracksealing		\$10,000	\$10,000					
Re-Paving Program		\$300,000	\$300,000					
Sidewalk Repair		\$50,000	\$50,000					
Web Based GIS		\$50,000						\$50,000
Sidewalk Connection Plan		\$150,000						\$150,000
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Vehicles		\$90,000		\$90,000				
Computer Station Replacement		\$10,270		\$10,270				
TASER Enhancement Program		\$6,000		\$6,000				
Body Worn Cameras		\$67,458						\$67,458
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$212,000	\$212,000					
Dispatch Center								
Annual contribution for capital		\$21,652	\$21,652					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Paperless Document Management		\$20,000						\$20,000
Library								
Staff PC, Server, and Equipment		\$26,200		\$26,200				
Express Self Service		\$111,200						\$111,200
Automated Materials Handling (RFID)		\$85,000						\$85,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
5 YD Truck Replacement		\$200,000		\$200,000				
3/4 Ton Patrol Truck		\$40,000					\$40,000	
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000						\$5,000
MC Plumbing		\$60,000	\$60,000					
MC Office Remodel		\$100,000	\$100,000					
Beautification Projects		\$5,000						\$5,000
Total								
		\$2,424,831	\$1,278,652	\$376,754	\$0	\$0	\$40,000	\$729,425
Balance								
			(\$3,652)	(\$4,754)			\$1,594	

Project Description	Project Number	2018 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF FUNDS	Fund Balance	Unfunded Requests
Available Funds			\$1,350,000	\$372,000			\$50,000	
Administration								
Fixed Asset Software		\$12,194		\$12,194				
Human Resources Software		\$14,284						\$14,284
Community Services								
Bradley Road (West) 51st - 60th		\$500,000	\$500,000					
Buxton Retail Market Analysis		\$50,000						\$50,000
Cracksealing		\$10,000	\$10,000					
Re-Paving Program		\$300,000	\$300,000					
Sidewalk Connection Plan		\$100,000						\$100,000
Boundary Signs		\$10,000						\$10,000
Web Based GIS		\$50,000						\$50,000
Police Department								
Police Vehicles		\$135,000		\$135,000				
Computer Station Replacement		\$10,785		\$10,785				
TASER Enhancement Program		\$4,000		\$4,000				
Body Worn Cameras		\$67,458						\$67,458
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$216,000	\$216,000					
Dispatch Center								
Annual contribution for capital		\$23,000	\$23,000					
Manager's Office								
Computer replacement program		\$6,000		\$6,000				
Paperless Document Management		\$20,000						\$20,000
Library								
Express Self Service		\$111,200						\$111,200
Automated Materials Handling (RFID)		\$85,000						\$85,000
Patio Removal/remodel and landscaping		\$15,000						\$15,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
MC Plumbing		\$60,000	\$60,000					
MC Office Remodel		\$100,000	\$100,000					
5 YD Truck Replacement		\$200,000		\$200,000				
Pick Up Truck Replacement		\$40,000					\$40,000	
MC Salt Dome Roof		\$50,000	\$50,000					
MC Shed Structure Roof		\$50,000	\$50,000					
MC Recycling Center Shed		\$25,000	\$25,000					
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000	\$5,000					
Air Compressor Replacement		\$35,000						\$35,000
Tractor Replacement		\$42,000						\$42,000
Beautification Projects		\$5,000						\$5,000
Total								
		\$2,526,210	\$1,339,000	\$392,979	\$0	\$0	\$40,000	\$754,231
Balance								
			\$11,000	(\$20,979)			\$21	

Project Description	Project Number	2019 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	Trusts & Donations	Fund Balance	Unfunded Requests
Available Funds			\$950,000	\$372,000			\$50,000	
Administration								
Human Resources Software		\$14,284		\$14,284				
Community Services								
Cracksealing		\$10,000	\$10,000					
Sidewalk Repair		\$50,000	\$50,000					
Re-Paving Program		\$300,000	\$300,000					
Web Based GIS		\$50,000						\$50,000
Sidewalk Connection Plan		\$150,000						\$150,000
Bike Trail Improvements		\$275,000						\$275,000
Boundary Signs		\$10,000						\$10,000
Sidewalk Repair		\$50,000						\$50,000
Police Department								
Body Worn Cameras		\$67,458		\$67,458				
Police Vehicles		\$95,000		\$95,000				
Computer Station Replacement		\$11,324		\$11,324				
TASER Enhancement Program		\$4,000		\$4,000				
Police Bicycle Unit		\$5,840						\$5,840
Celebrite		\$27,500						\$27,500
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$220,000	\$220,000					
Dispatch Center								
Annual contribution for capital		\$25,000	\$25,000					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Paperless Document Management		\$20,000						\$20,000
Library								
Express Self Service		\$111,200	\$111,200					
Automated Materials Handling (RFID)		\$85,000	\$85,000					
Security Camera Upgrade		\$15,000	\$15,000					
Furniture Replacement		\$9,000		\$9,000				
Patio Removal/remodel and landscaping		\$15,000						\$15,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
Air Compressor Replacement		\$35,000					\$35,000	
Tractor Replacement		\$42,000					\$42,000	
Bucket Truck Replacement		\$110,000		\$110,000				
MC Recycling Center Pavement		\$35,000	\$35,000					
MC Yard Pavement		\$90,000	\$90,000					
Beautification Projects		\$5,000		\$5,000				
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000		\$5,000				
Total								
		\$2,090,555	\$941,200	\$353,066	\$0	\$0	\$77,000	\$719,289
Balance								
			\$8,800	\$18,934			\$734	

Project Description	Project Number	2020 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	Trusts & Donations	Fund Balance	Unfunded Requests
Available Funds			\$1,000,000	\$372,000			\$15,000	
Community Services								
Web Based GIS		\$50,000		\$50,000				
Sidewalk Connection Plan		\$150,000	\$150,000					
Bike Trail Improvements		\$275,000	\$275,000					
Cracksealing		\$10,000	\$10,000					
Re-Paving Program		\$300,000	\$300,000					
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Motorcycle Unit		\$52,629		\$52,629				
Police Vehicles		\$140,000		\$140,000				
Computer Station Replacement		\$11,890		\$11,890				
TASER Enhancement Program		\$4,000		\$4,000				
Police Bicycle Unit		\$5,840		\$5,840				
Celebrite		\$27,500		\$27,500				
Fire Department								
Annual contribution for capital		\$225,000	\$225,000					
Dispatch Center								
Annual contribution for capital		\$27,000	\$27,000					
Manager's Office								
Paperless Document Management		\$20,000						\$20,000
Computer replacement program		\$7,000		\$7,000				
Library								
Parking Lot Resurfacing		\$38,000	\$38,000					
Patio Removal/remodel and landscaping		\$15,000						\$15,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
Roller Replacement		\$25,000		\$25,000				
Beautification Projects		\$5,000		\$5,000				
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000	\$5,000					
Total								
		\$1,485,579	\$1,030,000	\$353,859	\$0	\$0	\$0	\$101,720
Balance								
			(\$30,000)	\$18,141			\$3,141	

Project Description	Project Number	2016 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF Funds	Fund Balance	Unfunded Requests
Available Funds			\$1,000,000	\$372,000			\$445,000	
Administration								
Misc. Receivables Software		\$10,785		\$10,785				
Fixed Asset Software		\$12,194						\$12,194
Human Resources Software		\$14,284						\$14,284
Work Order Software		\$12,284						\$12,284
Community Services								
Beaver Creek Floodplain Map Revision		\$15,000					\$15,000	
Park Plaza Court and Stormwater		\$450,000				\$450,000		
Buxton Retail Market Analysis		\$50,000				\$50,000		
Bradley Road (East) - Design		\$35,000					\$35,000	
Re-paving Program		\$300,000	\$300,000					
Crack sealing		\$10,000					\$10,000	
W. Fairy Chasm Rd. 51st-60th		\$400,000	\$400,000					
Sidewalk Connection Plan		\$150,000						\$150,000
Web Based GIS		\$50,000						\$50,000
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Vehicles		\$130,000		\$130,000				
Pass Through Evidence Storage		\$24,000					\$24,000	
TASER Enhancement Program		\$13,000		\$13,000				
Body Worn Cameras		\$67,458						\$67,458
Computer Station Replacement		\$9,780						\$9,780
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$200,018	\$200,018					
Dispatch Center								
Annual contribution for capital		\$18,762	\$18,762					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Roof Replacement on PD side		\$90,000	\$90,000					
Village Hall Parking Lot		\$40,000					\$40,000	
Network Fabric Sitch Replacement		\$21,560					\$21,560	
Email Server System		\$25,000					\$25,000	
Paperless Document Management		\$20,000						\$20,000
Library								
Window Replacement		\$32,222						\$32,222
New Carpeting		\$77,220					\$77,220	
Express Self Service		\$111,200						\$111,200
Park and Recreation								
Fairy Chasm Tractor Replacement		\$10,000					\$10,000	
Village Park Roofing Projects		\$9,000					\$9,000	
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
5 YD Truck Replacement		\$175,000		\$175,000				
Radios for DPW - New digital for county		\$25,000					\$25,000	
72-in Zero Turn Mower		\$25,000					\$25,000	
Toolcat Replacement		\$65,000					\$65,000	
Skidsteer		\$65,000					\$65,000	
Emerald Ash Borer Treatment		\$20,000		\$20,000				
Village Identification Signs		\$5,000					\$5,000	
Beautification Projects		\$5,000						\$5,000
MC Overhead Doors / Ceiling tile replacement		\$135,000						\$135,000
MC HVAC / Vehicle exhaust system		\$267,300						\$267,300
MC Electrical		\$122,600						\$122,600
Total								
		\$3,484,956	\$1,008,780	\$355,785	\$0	\$500,000	\$451,780	\$1,168,611
Balance								
			(\$8,780)	\$16,215			\$655	

Project Description	Project Number	2017 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF FUNDS	Fund Balance	Unfunded Requests
Available Funds			\$1,125,000	\$372,000			\$40,000	
Administration								
Work Order Software		\$12,284		\$12,284				
Fixed Asset Software		\$12,194						\$12,194
Human Resources Software		\$14,284						\$14,284
Community Services								
Bradley Road (East) Sherman - Green Bay		\$525,000	\$525,000					
Buxton Retail Market Analysis		\$50,000				\$50,000		
Cracksealing		\$10,000	\$10,000					
Re-Paving Program		\$300,000	\$300,000					
Sidewalk Repair		\$50,000	\$50,000					
Web Based GIS		\$50,000						\$50,000
Sidewalk Connection Plan		\$150,000						\$150,000
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Vehicles		\$90,000		\$90,000				
Computer Station Replacement		\$10,270		\$10,270				
TASER Enhancement Program		\$6,000		\$6,000				
Body Worn Cameras		\$67,458						\$67,458
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$212,000	\$212,000					
Dispatch Center								
Annual contribution for capital		\$21,652	\$21,652					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Paperless Document Management		\$20,000						\$20,000
Library								
Staff PC, Server, and Equipment		\$26,200		\$26,200				
Express Self Service		\$111,200						\$111,200
Automated Materials Handling (RFID)		\$85,000						\$85,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
5 YD Truck Replacement		\$200,000		\$200,000				
3/4 Ton Patrol Truck		\$40,000					\$40,000	
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000						\$5,000
Beautification Projects		\$5,000						\$5,000
MC Plumbing		\$60,000						\$60,000
MC Office Remodel		\$100,000						\$100,000
MC Yard Pavement		\$90,000						\$90,000
Total								
		\$2,514,831	\$1,118,652	\$376,754	\$0	\$50,000	\$40,000	\$929,425
Balance								
			\$6,348	(\$4,754)			\$1,594	

Project Description	Project Number	2018 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF FUNDS	Fund Balance	Unfunded Requests
Available Funds			\$1,050,000	\$372,000			\$60,000	
Administration								
Fixed Asset Software		\$12,194		\$12,194				
Human Resources Software		\$14,284						\$14,284
Community Services								
Bradley Road (West) 51st - 60th		\$500,000	\$500,000					
Buxton Retail Market Analysis		\$50,000				\$50,000		
Cracksealing		\$10,000	\$10,000					
Re-Paving Program		\$300,000	\$300,000					
Sidewalk Connection Plan		\$100,000						\$100,000
Boundary Signs		\$10,000						\$10,000
Web Based GIS		\$50,000						\$50,000
Police Department								
Police Vehicles		\$135,000		\$135,000				
Computer Station Replacement		\$10,785		\$10,785				
TASER Enhancement Program		\$4,000		\$4,000				
Body Worn Cameras		\$67,458						\$67,458
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$216,000	\$216,000					
Dispatch Center								
Annual contribution for capital		\$23,000	\$23,000					
Manager's Office								
Computer replacement program		\$6,000		\$6,000				
Paperless Document Management		\$20,000						\$20,000
Library								
Express Self Service		\$111,200						\$111,200
Automated Materials Handling (RFID)		\$85,000						\$85,000
Patio Removal/remodel and landscaping		\$15,000						\$15,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
5 YD Truck Replacement		\$200,000		\$200,000				
Pick Up Truck Replacement		\$40,000					\$40,000	
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000						\$5,000
Air Compressor Replacement		\$35,000						\$35,000
Tractor Replacement		\$42,000						\$42,000
Beautification Projects		\$5,000						\$5,000
MC Salt Dome Roof		\$50,000						\$50,000
MC Shed Structure Roof		\$50,000						\$50,000
MC Recycling Center Shed		\$25,000						\$25,000
Total								
		\$2,366,210	\$1,049,000	\$392,979	\$0	\$50,000	\$40,000	\$834,231
Balance								
			\$1,000	(\$20,979)			\$21	

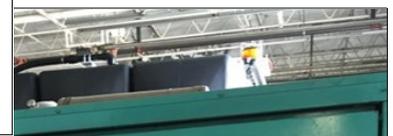
Project Description	Project Number	2019 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	Trusts & Donations	Fund Balance	Unfunded Requests
Available Funds			\$900,000	\$372,000			\$0	
Administration								
Human Resources Software		\$14,284		\$14,284				
Community Services								
Cracksealing		\$10,000	\$10,000					
Sidewalk Repair		\$50,000	\$50,000					
Re-Paving Program		\$300,000	\$300,000					
Web Based GIS		\$50,000						\$50,000
Sidewalk Connection Plan		\$150,000						\$150,000
Bike Trail Improvements		\$275,000						\$275,000
Boundary Signs		\$10,000						\$10,000
Sidewalk Repair		\$50,000						\$50,000
Police Department								
Body Worn Cameras		\$67,458		\$67,458				
Police Vehicles		\$95,000		\$95,000				
Computer Station Replacement		\$11,324		\$11,324				
TASER Enhancement Program		\$4,000		\$4,000				
Police Bicycle Unit		\$5,840						\$5,840
Celebrite		\$27,500						\$27,500
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$220,000	\$220,000					
Dispatch Center								
Annual contribution for capital		\$25,000	\$25,000					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Paperless Document Management		\$20,000						\$20,000
Library								
Express Self Service		\$111,200	\$111,200					
Automated Materials Handling (RFID)		\$85,000	\$85,000					
Security Camera Upgrade		\$15,000	\$15,000					
Furniture Replacement		\$9,000		\$9,000				
Patio Removal/remodel and landscaping		\$15,000						\$15,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
Air Compressor Replacement		\$35,000					\$35,000	
Tractor Replacement		\$42,000					\$42,000	
Bucket Truck Replacement		\$110,000		\$110,000				
Beautification Projects		\$5,000		\$5,000				
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000		\$5,000				
Total		\$1,965,555	\$816,200	\$353,066	\$0	\$0	\$77,000	\$719,289
Balance			\$83,800	\$18,934			\$25,734	

Project Description	Project Number	2020 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	Trusts & Donations	Fund Balance	Unfunded Requests
Available Funds			\$1,000,000	\$372,000			\$15,000	
Community Services								
Web Based GIS		\$50,000		\$50,000				
Sidewalk Connection Plan		\$150,000	\$150,000					
Bike Trail Improvements		\$275,000	\$275,000					
Cracksealing		\$10,000	\$10,000					
Re-Paving Program		\$300,000	\$300,000					
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Motorcycle Unit		\$52,629		\$52,629				
Police Vehicles		\$140,000		\$140,000				
Computer Station Replacement		\$11,890		\$11,890				
TASER Enhancement Program		\$4,000		\$4,000				
Police Bicycle Unit		\$5,840		\$5,840				
Celebrite		\$27,500		\$27,500				
Fire Department								
Annual contribution for capital		\$225,000	\$225,000					
Dispatch Center								
Annual contribution for capital		\$27,000	\$27,000					
Manager's Office								
Paperless Document Management		\$20,000						\$20,000
Computer replacement program		\$7,000		\$7,000				
Library								
Parking Lot Resurfacing		\$38,000	\$38,000					
Patio Removal/remodel and landscaping		\$15,000						\$15,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
Roller Replacement		\$25,000		\$25,000				
Beautification Projects		\$5,000		\$5,000				
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000	\$5,000					
Total								
		\$1,485,579	\$1,030,000	\$353,859	\$0	\$0	\$0	\$101,720
Balance								
			(\$30,000)	\$18,141			\$3,141	

VILLAGE OF BROWN DEER

Capital Improvement Plan

2016—2020



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

2016 - 2020

Table of Contents

<u>Description</u>	<u>Page</u>
Approving Resolution	3
Capital Improvement Plan Calendar	4
Capital Planning Process	5 - 6
2015 Capital Projects – Completed	7 - 8
2016 Capital Projects	9 - 55
2017 Capital Projects	56 - 84
2018 Capital Projects	85 - 118
2019 Capital Projects	119 - 151
2020 Capital Projects	152 - 183
Preliminary Financing Plan	184 - 185
Sanitary Sewer Long Range Plan – Rate Analysis	186
Storm Water Long Range Plan – Rate Analysis	187
Capital Asset Policy	188 - 189
Debt Management Policy	190 - 192
Unfunded Projects	193 – 200
Items now Budgeted in General Fund	201 - 203

A Resolution Approving a
2016 – 2020 Five Year Capital Plan
For the Village of Brown Deer

Resolution No. 15-

WHEREAS, the Village Manager has prepared a Five Year Capital Plan for the period from 2016 to 2020 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 2016–2020 Five Year Capital Plan and direct the Village Manager to include the 2016 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 2016 to be financed by a long-term debt instrument.

BE IT FURTHER RESOLVED that the Village Board acknowledges that projects identified outside of the 2016 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 17th day of August, 2015.

Carl Krueger, Village President

Jill Kenda-Lubetsk, Village Clerk

**Village of Brown Deer
2016
Capital Improvement Plan**

For the Years 2016 - 2020

<u>Date</u>	<u>Step</u>
July 10	Deadline for Departments to submit Capital Plan Information
July 15 – 17	Village Manager to meet with Department Heads to review the CIP requests
July 27	Distribution of Capital Plan to Village Board
August 3	CIP Workshop
August 17	Adopt 2016-2020 Capital Plan

Village of Brown Deer Five Year Capital Plan

2016 - 2020

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

2016 - 2020

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 2020. 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 of 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 January 1, 2015, the Village's total general obligation debt was at \$18,360,934. The Village's internal debt management policy restricts total outstanding general obligation debt to less than 40% of the debt limit. The Village's debt policy also restricts the debt service levy to less than 20% of the total tax levy. Based on the proposed borrowings and repayment schedules the Village will be in compliance with both of these policies. The Village's debt management and capital asset policies are included in the appendices.

Project Description	Project Number	2015 Total Project Cost	Actual Project Cost	GO Debt	Property Tax Levy	Grants & Aids	Trusts & Donations	Fund Balance	Unfunded Requests
Available Funds				\$1,000,000	\$372,000				
Community Services									
Bradley Road Median Reconstruction	CS/15/01A	\$510,000		\$510,000					
N. 60th Street Reconstruction	CS/15/01B	\$945,848		\$411,175		\$534,673			
Web Based GIS	CS/15/01C	\$50,000			\$50,000				
W. Fairy Chasm Road	CS/15/02	\$35,000		\$35,000					
Crack sealing	CS/15/03	\$10,000		\$10,000					
Police Department									
2-Police Squad Cars	PD/15/01	\$92,076	\$92,712		\$92,076				
Network Fabric Switch	PD/15/02	\$17,000							\$17,000
Computer Station Upgrade	PD/15/03	\$4,000			\$4,000				
Taser Replacement	PD/15/04	\$10,474	\$10,724		\$10,474				
Squad Car Video Camera System	PD/15/05	\$30,000			\$30,000				
PD Small Equipment	PD/15/08	\$6,438			\$6,438				
Fire Department									
Annual contribution for capital	FD-001	\$194,519	\$194,519	\$194,519					
Dispatch Center									
Annual contribution for capital	BS-001	\$16,160	\$16,160	\$16,160					
Manager's Office									
Badger Meter Park	MGR/15/01A	\$263,209		\$200,000		\$23,209	\$40,000		
Computer replacement program	MGR/15/02	\$4,000			\$4,000				
New Voting Equipment	MGR/15/01B	\$17,750			\$1,250	\$16,500			
Park and Rec									
Fairy Chasm Play structure Replace	PRD/15/01	\$47,500		\$47,500					
Fairy Chasm Restroom / Roof	PRD/15/02	\$8,500		\$8,500					
Tractor Replacement	PRD/15/03	\$10,000							\$10,000
Library									
Fire Alarm Strobe/Horn Extension	LIB/15/04	\$5,000						\$5,000	
Public PC and Wireless Router	LIB/15/05	\$10,000						\$10,000	
Circulation Desk Design	LIB/15/01	\$5,000	\$0					\$5,000	
Public Works									
Patrol Truck 1-Ton (2YD) Salter	DPW/15/01	\$65,000	\$62,614		\$65,000				
Shop Tools & Equipment	DPW/15/02	\$15,000	\$11,943		\$15,000				
72-in Mower w/broom	DPW/15/03	\$25,000	\$21,702		\$25,000				
Emerald Ash Borer (EAB) Treatment	DPW/15/04	\$50,000	\$15,398		\$25,000	\$25,000			
Arbor Day	DPW/15/05	\$1,500							\$1,500
Beautification projects	DPW/15/06	\$5,000	\$5,000		\$5,000				
Software & Computer Upgrades	DPW/15/07	\$2,000							\$2,000
Municipal Complex HVAC Upgrades	DPW/15/08	\$50,000							\$50,000
Total		\$2,505,974	\$430,772	\$1,432,854	\$333,238	\$599,382	\$40,000	\$20,000	\$80,500
Balance				(\$432,854)	\$38,762			(\$414,092)	

Project Description	Project Number	2015 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/15/01	\$325,000	\$200,000			\$125,000
Coordinated Projects (Lateral Relay)	SAN/15/02	\$150,000				\$150,000
Priv. Prop. Lateral Sealing	SAN/15/03	\$100,000		\$100,000		
Generator	SAN/15/04	\$40,000			\$10,000	\$30,000
Sewer Total		\$615,000	\$200,000	\$100,000	\$10,000	\$305,000
StormWater Projects						
Ditch Rehabilitation Program	STM/15/01	\$190,000	\$190,000			
Coordinated projects	STM/15/02	\$50,000				\$50,000
Bradley Road Median/Roadscape	STM/15/03	\$1,298,000		\$298,000		\$1,000,000
Bradley Road /50th Channel Naturalization	STM/15/04	\$550,000		\$150,000		\$400,000
Brooklane Basin (Dean Rd to 47th)	STM/15/05	\$25,000				\$25,000
Churchill Basin Naturalization (47th to 51st)	STM/15/06	\$25,000				\$25,000
StormWater Total		\$2,138,000	\$190,000	\$448,000	\$0	\$1,500,000
Water Projects						
All Shop Tools/Equipment	WAT-001	\$4,000	\$4,000			
SCADA	WAT-002	\$4,000	\$4,000			
Main Relays	WAT-004	\$450,000			\$300,000	\$150,000
Coordinated projects	WAT-016	\$0				
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$1,500	\$1,500			
Computers	WAT-012	\$2,500	\$2,500			
Dump truck	WAT-013	\$3,000	\$3,000			
Backhoe	WAT-014	\$5,000	\$5,000			
Hydrants, Valve Services	WAT-015	\$30,000			\$30,000	
Water Total		\$505,000	\$25,000	\$0	\$330,000	\$150,000

Project Description	Project Number	2016 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF Funds	Fund Balance	Unfunded Requests
Available Funds			\$1,500,000	\$372,000			\$500,000	
Administration								
Misc. Receivables Software		\$10,785		\$10,785				
Fixed Asset Software		\$12,194						\$12,194
Human Resources Software		\$14,284						\$14,284
Work Order Software		\$12,284						\$12,284
Community Services								
Beaver Creek Floodplain Map Revision		\$15,000					\$15,000	
Park Plaza Court and Stormwater		\$450,000				\$450,000		
Buxton Retail Market Analysis		\$50,000				\$50,000		
Bradley Road (East) - Design		\$35,000	\$35,000					
Re-paving Program		\$300,000	\$300,000					
Crack sealing		\$10,000	\$10,000					
W. Fairy Chasm Rd. 51st-60th		\$400,000	\$400,000					
Sidewalk Connection Plan		\$150,000						\$150,000
Web Based GIS		\$50,000						\$50,000
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Vehicles		\$130,000		\$130,000				
Pass Through Evidence Storage		\$24,000	\$24,000					
TASER Enhancement Program		\$13,000		\$13,000				
Body Worn Cameras		\$67,458						\$67,458
Computer Station Replacement		\$9,780						\$9,780
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$208,000	\$208,000					
Dispatch Center								
Annual contribution for capital		\$18,762	\$18,762					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Roof Replacement on PD side		\$90,000	\$90,000					
Village Hall Parking Lot		\$40,000	\$40,000					
Network Fabric Sitch Replacement		\$21,560					\$21,560	
Email Server System		\$25,000					\$25,000	
Paperless Document Management		\$20,000						\$20,000
Library								
Window Replacement		\$32,222	\$32,222					
New Carpeting		\$77,220	\$77,220					
Express Self Service		\$111,200						\$111,200
Park and Recreation								
Fairy Chasm Tractor Replacement		\$10,000					\$10,000	
Village Park Roofing Projects		\$9,000	\$9,000					
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
5 YD Truck Replacement		\$190,000		\$190,000				
72-in Zero Turn Mower		\$25,000					\$25,000	
Toolcat Replacement		\$65,000					\$65,000	
Skidsteer		\$65,000					\$65,000	
MC Overhead Doors / Ceiling tile replacement		\$135,000	\$135,000					
MC HVAC / Vehicle exhaust system		\$267,300	\$267,300					
MC Electrical		\$122,600	\$122,600					
Emerald Ash Borer Treatment		\$20,000		\$20,000				
Village Identification Signs		\$5,000	\$5,000					
Beautification Projects		\$5,000						\$5,000
Total								
		\$3,482,938	\$1,774,104	\$370,785	\$0	\$500,000	\$226,560	\$611,489
			(\$274,104)	\$1,215			\$551	

Project Description	Project Number	2016 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/16/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/16/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/16/03	\$150,000		\$150,000		
Generator Replacement	SAN/16/03	\$40,000	\$40,000			
Sewer Total		\$615,000	\$240,000	\$250,000	\$0	\$125,000
StormWater Projects						
Ditch Rehabilitation Program	STM/16/01	\$200,000	\$200,000			
Bradley Road Box Culvert	STM/16/02	\$25,000				\$25,000
StormWater Total		\$225,000	\$200,000	\$0	\$0	\$25,000
Water Projects						
All Shop Tools/Equipment	WAT-001	\$4,000	\$4,000			
SCADA	WAT-002	\$4,000	\$4,000			
Main Relays	WAT-004	\$375,000				\$375,000
Coordinated projects	WAT-016	\$0				
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$1,500	\$1,500			
Computers	WAT-012	\$2,500	\$2,500			
Dump truck repairs	WAT-013	\$3,000	\$3,000			
Hydrants, Valve Services	WAT-015	\$30,000			\$30,000	
Hydrant and Valve Replacement	WAT-015	\$10,000			\$10,000	
Water Total		\$435,000	\$20,000	\$0	\$40,000	\$375,000

Project #: 0T **Department:** ADMINISTRATIVE

Project Name: MISCELLANEOUS RECEIVABLES

Total Project Cost: \$10,785 **Estimated Life of Project:** 10 YEARS

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$10,785	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Purchase application billing software to allow creation and management of miscellaneous receivables.

Project Justification: Miscellaneous Receivables is an application billing software that allows recurring invoices to be quickly generated thus eliminating the need to manually create individual invoices each time and speeding up data entry for repetitive billings resulting in more efficient processing and less errors. Allows for credits to be applied to a customer’s account, whether for overpayment or to adjust the amount billed on an invoice. Furthermore, it was designed to be flexible to meet businesses specific needs. Also allows creation of aging reports, which helps with reconciling the outstanding balance by general ledger number as of a given date with the corresponding balance. Capable of refunding overpayments through an electronic check process which would eliminate the need for the AP clerk to hand enter the invoice for payment and additionally bills can be emailed eliminating additional postage costs. The software would help minimize errors, increase efficiency and streamline processes allowing more time to be devoted to other tasks.

Project Picture / Map:

Project #: OT **Department:** CSD

Project Name: Beaver Creek Floodplain Map Revision

Total Project Cost: \$15,000 **Estimated Life of Project:** 25 years

Expenditure Detail:

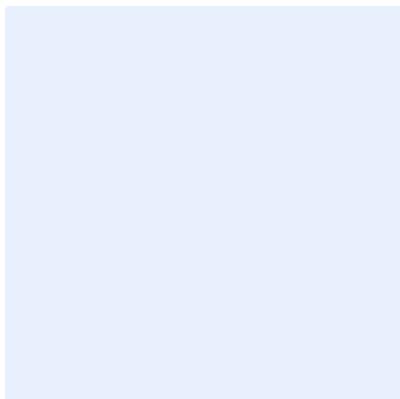
Year	2016	2017	2018	2019	2020
Budget	\$15,000	\$	\$	\$	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The Beaver Creek flood map which was adopted in 2008 contained a significant and in Staff’s opinion, an erroneous change that resulted in many properties incorrectly listed as being “in” the 100 year floodplain. Staff has worked with SEWRPC to develop a new scientific model which will need to be filed with FEMA in order to replace the erroneous 2008 map. FEMA charges for plan review will amount to approximately \$15,000.

Project Justification: Without a new floodplain map hundreds of properties will be adversely impacted; their development potential will be limited and many will unnecessarily need to acquire flood insurance.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Park Plaza Court Reconstruction and American Site Stormwater

Total Project Cost: \$450,000 **Estimated Life of Project:** 25 years

Expenditure Detail:

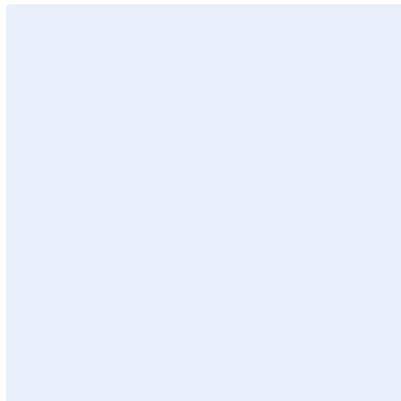
Year	2016	2017	2018	2019	2020
Budget	\$450,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Reconstruction of N. Park Plaza Court from W. Brown Deer Road to the northern property line of the former American TV. (Remainder of N. Park Plaza Court would be milled and overlaid utilizing funds from the regular street repaving budget). In addition a storm water management pond or similar devices would be created on the southwest corner of the former American TV lot to accommodate the redevelopment of the parcel along with larger regional efforts

Project Justification: The “hot in place” asphalt recycling project of several years ago did not work as well as anticipated and the roadway condition continues to deteriorate. With the increased truck traffic proposed by PAK Technologies and ALDI Staff believes it is imperative to reconstruct the southern section of roadway to manage this added and heavier traffic. The storm water component is required for both private development by MMSD and it will also help with Village wide storm water permitting through the DNR

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Buxton Retail Market Analysis

Total Project Cost: \$150,000 **Estimated Life of Project:** 5 years

Expenditure Detail:

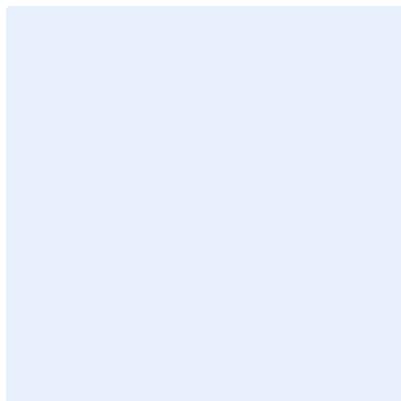
Year	2016	2017	2018	2019	2020
Budget	\$50,000	\$50,000	\$50,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Buxton would provide Brown Deer specific analytic data to identify potential retailers to fill empty parcels and storefronts in the community. In addition they would offer support in contacting corporate retail decision makers and site selectors to ensure that the Village redevelopment opportunities are being appropriately presented. They propose a three year contract with the Village because it will take time to build relationships with retailers and to analyze evolving data trends which may influence retail decision makers.

Project Justification: Buxton is a retail analysis leader that helps communities get beyond basic demographic data in order to tailor economic development efforts to fit market realities. The Village has had a difficult time in “selling” Brown Deer to regional and national retailers and a big challenge has been presenting the Village’s unique characteristics. Further, Staff has repeatedly been charged with finding certain “name brand” businesses and have found it difficult to get beyond the corporate gatekeepers to help make the case for the Village. Buxton’s information gathering and experience in the market will help the Village get past the front line gatekeepers and allow Brown Deer to become more responsive to retail opportunities.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Bradley Road (East) – N. Sherman Blvd. to N. Green Bay Road

Total Project Cost: \$560,000 **Estimated Life of Project:** 25 years

Expenditure Detail:

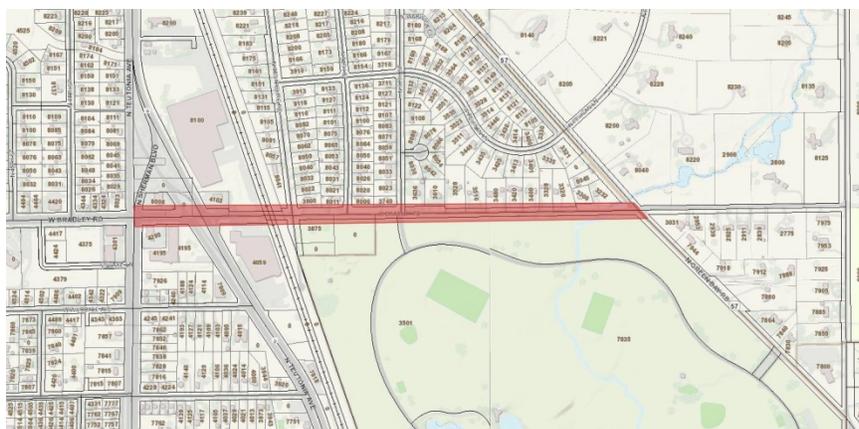
Year	2016	2017	2018	2019	2020
Budget	\$35,000	\$525,000	\$	\$	OT

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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 N. Sherman Blvd. to N. Green Bay Road. 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 2016 with construction in 2017.

Project Picture / Map:



Project #: DPW/16-20/G **Department:** Public Works

Project Name: Re-Paving Program

Total Project Cost: \$300,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This Program addresses failing pavements that are primarily found on local residential streets and 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:



07/10/14

Project #: OT **Department:** CSD

Project Name: Cracksealing

Total Project Cost: \$50,000 **Estimated Life of Project:** 7 years

Expenditure Detail:

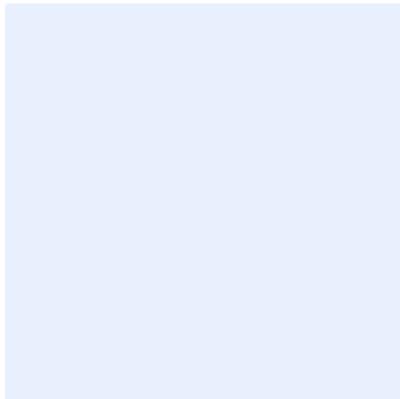
Year	2016	2017	2018	2019	2020
Budget	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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:



Project #: OT **Department:** CSD

Project Name: W. Fairy Chasm Road – N. 51st to N. 60th Street

Total Project Cost: \$400,000 **Estimated Life of Project:** 25 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$400,000	\$	\$	\$	OT

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This proposal calls for the pavement on W. Fairy Chasm to be replaced and ditching to be corrected/repaired along the length of the project from N. 51st Street to N. 60th Street. A paved sidewalk or multi-use trail is being considered to help accommodate cyclists and pedestrians using the Oak Leaf Trail or accessing Fairy Chasm Park.

Project Justification: This section of W. Fairy Chasm is starting to fail and is in need of repair. Additionally, the paved section of roadway is much larger than necessary for current volumes and the Village is seeking to minimize this paved surface to reduce construction and future maintenance costs. Engineering and design has begun this year with construction anticipated in 2016.

Project Picture / Map:



Project #: **Department:** POLICE

Project Name: VEHICLE REPLACEMENT

Total Project Cost: \$130,000.00 **Estimated Life of Project:** 2-5 year

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$130,000.00	\$90,000.00	\$135,000.00	\$95,000.000	\$140,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Police squad car replacement – two marked (one Chevrolet Tahoe, one Ford Police Interceptor SUV) one unmarked (Ford Police Interceptor SUV).

Project Justification: Replacement of the squads is part of the regular rotation due to mileage, use, technology and equipment updates and changes.

Project Picture / Map:



Project #: **Department:** POLICE

Project Name: PASS THROUGH EVIDENCE LOCKERS

Total Project Cost: \$24,000.00 **Estimated Life of Project:** 10 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$24,000.00	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Purchase and install pass through evidence storage lockers in the property room. Cost does not include wall demolition as DPW indicates they are capable of cutting and removing the concrete blocks needed.

Project Justification: The current locker/storage system has been in use 35+ years and consists of old school gym type lockers. These lockers no longer effectively serve the minimum requirements of evidence storage, present potential legal challenges to chain of custody and are not compatible with current evidence tracking/inventory technology.

Project #: **Department:** POLICE/VILLAGE

Project Name: TASER ENHANCEMENT PROGRAM

Total Project Cost: \$13,000.00 **Estimated Life of Project:** 5 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$13,000.00	\$6,000.00	\$4,000.00	\$4,000.00	\$4,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: This request is to purchase 12 TASER Electronic Control Devices (ECD) and related equipment for use and training.

Project Justification: In 2015 we began a program to significantly enhance the police department’s less lethal force equipment. One of the primary goals of this program is to issue every officer on the department a TASER Electronic Control Device (ECD). With the purchase of these 10 devices, that goal will be complete. Along with the additional TASER ECD’s we will need the necessary related equipment such as holsters, batteries, probe cartridges (regular and training) and practice targets. The equipment update portion of this project will be an ongoing budget item.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: OT **Department:** Manager’s Office

Project Name: Computer Replacement Program

Total Project Cost: \$7,000

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	7,000	7,000	6,000	7,000	7,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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. Also, computers at the DPW office are aging and need to go on a replacement schedule rather than receive used computers from other departments (i.e. police & library). Software upgrades are also necessary to stay up with industry standards (i.e. CAD, GIS, etc.). Computer upgrades are needed for the following positions Director, Ops Supervisor, Administrative Assistant, Sanitary Sewer Technician, Mechanic, and General: Use Station. One (1) computer would be replaced each year.

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. The life of a computer is approximately 5-years.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: 0T **Department:** Manager's Office

Project Name: Roof Replacement

Total Project Cost: \$90,000.00

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$90,000	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Removal and replacement of all existing roofing components down to the steel or concrete deck of the early 1993-1994 renovation of the police department measuring about 5,300 sq. ft. installation of a fire barrier, vapor retarder, new insulation layers, new hot applied built up roof system, and new sheet metal trims to match the roofs replaced in 2004. There were two options for the roof replacement, hot applied built up ranging from \$81,000-\$85,500 and cold applied built up ranging from \$92,00-\$96,800.

Project Justification: The roof is over 20 years and was determined after a roof inspection in 2014 that the existing conditions put it the roof's durability into failure mode. This has been shown by numerous spot leaks. The roof replacement in 2004 consisted of village hall and the shooting range which was a total of 17,000 sq. ft. and cost \$93,523.10 with a 20 year manufacturer warranty. Both in 2004 and 2010 when the DPW roof was replaced, hot applied built up was used and therefore we choose to go with the hot applied built-up. The biggest difference between the two different roofing methods is the odor that will be noticed throughout the project.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: 0T **Department:** Manager’s Department

Project Name: Parking lot Replacement

Total Project Cost: \$40,000 **Estimated Life of Project:** 18-20 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	40,000	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Repave/resurface and restripe village hall rear parking lot.

Project Justification: Parking lot was last resurfaced/repaved in 2003. Currently there are large cracks, depressions, and heaves that negatively affect employee parking.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: **Department:** POLICE/VILLAGE

Project Name: NETWORK FIBRE SWITCH REPLACEMENT

Total Project Cost: \$21,560.00 **Estimated Life of Project:** FIVE YEARS

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$21,560.00				

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Replace current network fabric switch with new 16gb fibre channel switch.

Project Justification: Currently we have two Cisco MDS 9124 switches that are at least 10 years old and way beyond their service life. One of the switches has been intermittently failing over the last 18 months. If these switches fail, the entire computer network for the village hall and police department will be down. Neither switch is under any warranty or SmartNET contract and per Cisco, the MDS 9124 product line is currently End of Life. Since these devices cannot be placed under any warranty contract and are not being sold or supported, CC&N recommends replacing them. Once the switches are replaced our SAN traffic speed will double.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

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

Project Name: Email Server System

Total Project Cost: \$25,000

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$25,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The Village of Brown Deer requests to change their email carrier from Time Warner to a Microsoft Exchange Enterprise License. This would include an automatic back-up of emails as well as a 3-year support and spam filter.

Project Justification: Currently emails are not being backed up to a server. State statute mandates municipalities keep all emails for a total of seven years. Therefore, changing our email carrier will give us access to a system that has the capacity to store our 96 employee's emails for a seven year cycle.

Project Picture / Map:

Project #: LIB/16/1 **Department:** Library

Project Name: Carpet replacement

Total Project Cost: \$77,220 **Estimated Life of Project:** 15-18 years

Expenditure Detail:

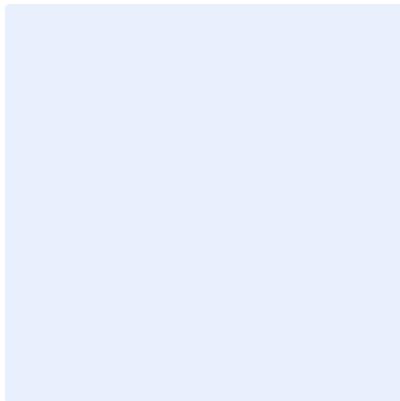
Year	2016	2017	2018	2019	2020
Budget	\$77,220	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Replace carpeting in library reading room, community room and staff areas.

Project Justification: The Carpet and Rug Institute estimates that that commercial carpeting in a medium/high traffic facility may last 11-22 years depending on the maintenance routine. Brown Deer Library’s carpet was installed in 2000. Routine maintenance with hot water extraction has been irregular, and some high traffic areas show significant wear and discoloration. Some sections repaired with overruns are now also showing wear.

Project Picture / Map:



Project #: LIB/16/2 **Department:** Library

Project Name: Window Replacement

Total Project Cost: \$32,222 **Estimated Life of Project:** 20 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$32,222	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Replace failing exterior windows and trim, replace locked and disused emergency exit doors with stationary exterior windows.

Project Justification: Exterior windows are dual pane and original to the building. Some windows have failed seals that allow condensation in winter that can lead to rot of inside walls below. Windows most affected are non-standard shape and size requiring custom orders. Exterior and interior trim is still in good condition and will not need replacement.

Project Picture / Map:



Project #: DPW/16/01 **Department:** Public Works

Project Name: 5YD Patrol Truck Replacement (No. 76)

Total Project Cost: \$190,000 **Estimated Life of Project:** 13-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$190,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: DPW is requesting a new 34,000 GVW, 5 yd. patrol truck with plow, wing, salter, controls, and radio to replace the existing unit (Truck No. 76) 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. The age of item to be replaced is 13 years in 2016. The annual maintenance costs are \$2,000 + labor due to the poor condition. The existing vehicle will be auctioned using the State of Wisconsin surplus website. The estimated sold amount is \$30,000. The estimated cost of the new vehicle was determined from recent bid history for this type of equipment.

Project Justification: This piece of equipment is critical for winter plowing operations and summer ditching operations.

Project Picture / Map:



Project #: DPW/16/02 **Department:** Public Works

Project Name: 72-inch Zero Turn Mower

Total Project Cost: \$25,000 **Estimated Life of Project:** 12-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$25,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: DPW needs a replacement riding lawn mower with 72” deck, and zero turning radius, etc. Replacement is requested due to the, rising maintenance costs, availability of parts, safety to public and laborers. The equipment will be purchased through a local retailer. At least three (3) quotes will be solicited for comparison purposes. The expected life of the requested equipment is 12 years. The existing mower is used weekly during the spring, summer, and fall months (i.e. 7-months of the year). The age of item to be replaced is 15 years in 2015. 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 \$5,000. The estimated cost of the new mower was determined from recent bid history for this type of equipment.

Project Justification: The equipment is critical equipment for spring, summer, and fall turf management operations.

Project Picture / Map:



Project #: DPW/16/03 **Department:** Public Works

Project Name: Toolcat Replacement

Total Project Cost: \$65,000 **Estimated Life of Project:** 10-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$65,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Replacement of the toolcat is necessary due to the rising maintenance costs and safety to laborers. The equipment will be purchased through a local Bobcat Plus retailer. Only one (1) quote is anticipated considering that Bobcat is the only supplier of toolcat machinery. The toolcat is preferred by DPW over alternate comparable equipment due to functionality and versatility. The expected life of the requested equipment is 10 years. The existing toolcat is used weekly throughout the year. The toolcat is used for all special event set-ups, sidewalk snow plowing, landscaping, etc. The toolcat is used in almost every division and operation at DPW. Other departments such as Park & Rec also borrow the toolcat for activities within their own operation. The age of item to be replaced is 10 years in 2016. The annual maintenance costs are \$1,000 + labor due to the aging condition. The existing equipment will be auctioned using the State of Wisconsin surplus website. The estimated sold amount is \$10,000. The estimated cost of the new toolcat was determined from recent bid history for this type of equipment.

Project Justification: The toolcat is used in every operation of DPW throughout the year. The toolcat is also used by other Departments such as Park & Rec. The toolcat is critical to special event set-up too.

Project Picture / Map:



Project #: DPW/16/04

Department: Public Works

Project Name: Skid Steer Replacement

Total Project Cost: \$65,000 **Estimated Life of Project:** 10-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$65,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Replacement of the skid steer is necessary due to the rising maintenance costs and safety to laborers. The equipment will be purchased through a local Bobcat Plus retailer or equivalent dealer. Three (3) quotes are anticipated from various skid steer dealers (i.e. New Holland, Cat, Bobcat Plus, etc.). The expected life of the requested equipment is 10 years. The existing skid steer is used weekly throughout the year. The skid steer is used for all special event set-ups, winter operations, landscaping, etc. The skid steer is used in almost every division and operation at DPW. Other departments such as Park & Rec also borrow the skid steer for activities within their own operation. The age of item to be replaced is 10 years in 2016. The annual maintenance costs are \$1,000 + labor due to the aging condition. The existing equipment will be auctioned using the State of Wisconsin surplus website. The estimated sold amount is \$10,000. The estimated cost of the new skid steer was determined from recent bid history for this type of equipment.

Project Justification: The skid steer is used in every operation of DPW throughout the year. The skid steer is also used by other Departments such as Park & Rec. The skid steer is critical to special event set-up too.

Project Picture / Map:



Project #: DPW/16/05 **Department:** Public Works

Project Name: Municipal Complex Overhead Door Replacement

Total Project Cost: \$135,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$135,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The project consists of the replacement of the overhead doors to all the vehicle/equipment bays (13-total) at the municipal complex (including the water department). The existing doors are original with the building (1966) and have had numerous repairs and are minimally insulated.

Project Justification: The municipal complex overhead doors house all of the critical equipment at DPW. Proper door operation is critical for services such as winter operations, etc.

Project Picture / Map:



Project #: DPW/16/06 **Department:** Public Works

Project Name: Municipal Complex HVAC Upgrades

Total Project Cost: \$267,300 **Estimated Life of Project:** 30-years

Expenditure Detail:

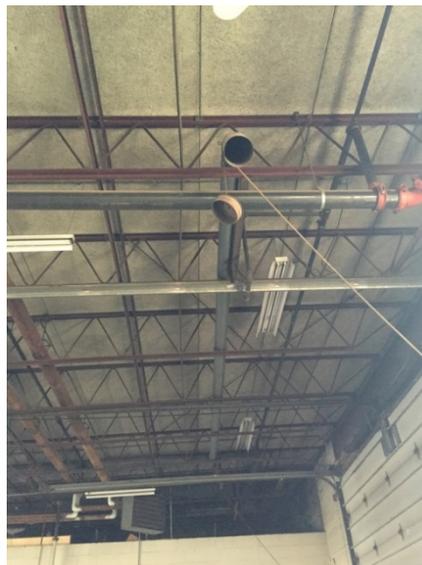
Year	2016	2017	2018	2019	2020
Budget	\$267,300	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The project includes the addition of air exchangers to remove diesel exhaust and other high suspension fumes from the vehicle bay areas for health and safety reasons and to comply with State building code. Additionally, the current pumps for the heating system are original to the building (1966) and are in marginal condition. The pumps should be replaced with a variable flow pumping system and digital control. The air handling unit in the 1966 portion of the building has exceeded the ASHRAE 50-year design life and is in need of replacement. Lastly, the municipal complex is controlled by a pneumatic control system. Replacement to a fully digital web-based building automation system (BAS) is recommended. Further recommendations can be found in the HVAC system report for the DPW building as prepared by Fredericksen Engineering.

Project Justification: The municipal complex HVAC system is need of upgrades due to the age of the building. Additionally the air exchanger to remove diesel exhaust in the vehicle bay area does not meet building code.

Project Picture / Map:



Project #: DPW/16/07 **Department:** Public Works

Project Name: Municipal Complex Electrical Upgrades

Total Project Cost: \$122,600 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$122,600	\$	\$	\$	\$

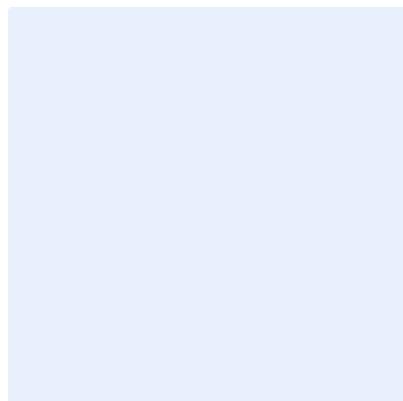
Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The project includes the replacement of all building lighting (with the addition of motion sensors & switches), new exterior LED wall packs, fire alarm upgrades (code compliance), new access control system, new CCTV system, emergency generator & transfer switch, replacement of the existing panel-boards, replacement of the existing electrical service, new public address (PA) system, and new security system. Further recommendations can be found in the “Electrical” system report for the DPW building as prepared by Muermann Engineering.

Project Justification: The municipal complex electrical system is in severe need of upgrades due to the age and non-code compliance issues (i.e. fire protection, emergency generator, etc.).

Project Picture / Map:

SEE ELECTRICAL SYSTEM REPORT (Feasibility Study)



Project #: DPW/16-20/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	2016	2017	2018	2019	2020
Budget	\$20,000	\$25,000	\$25,000	\$25,000	\$25,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

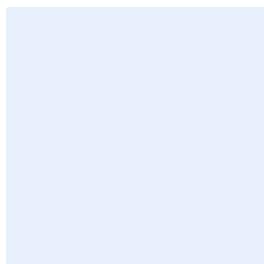
Project Description: Emerald Ash Borer (EAB) has been detected and is present within the Village. In order to preserve the existing ash tree canopy DPW will be administering trunk injected chemical treatments throughout the Village’s ash tree population. The chemical treatments are administered on a 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.

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:



Project #: DPW/16-20/F **Department:** Public Works

Project Name: Village Identification Signs (street name signs)

Total Project Cost: \$5,000 **Estimated Life of Project:** 12-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$5,000	\$	\$5,000	\$5,000	\$5,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Replacement of Village street name signs due to age and non-compliance with the latest Manual of Uniform Traffic Control Devices (MUTCD). This is a multi-year project. In the early 1990's the Village replaced the street name signs throughout the Village. The new MUTCD has revised the standards for street name signs and retro-reflectivity. The Village is required to have a plan to meet the new requirements by 2018. The existing signs are showing cracking and no longer meet the retro-reflectivity requirements due to age. In 2012 a new sign design was selected and the Department will use the design for ongoing maintenance replacements until 2016. It is anticipated that a major replacement program will start in 2016 and extend through 2020.

Project Justification: MUTCD requirement.

Project Picture / Map:



Project #: STM/16-20/A **Department:** Public Works

Project Name: Ditch Rehab Program

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

Expenditure Detail:

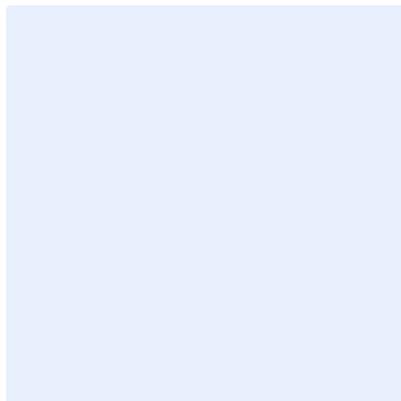
Year	2016	2017	2018	2019	2020
Budget	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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:



Project #: STM/17/01 **Department:** Public Works

Project Name: W. Bradley Road Box Culvert Replacement

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

Expenditure Detail:

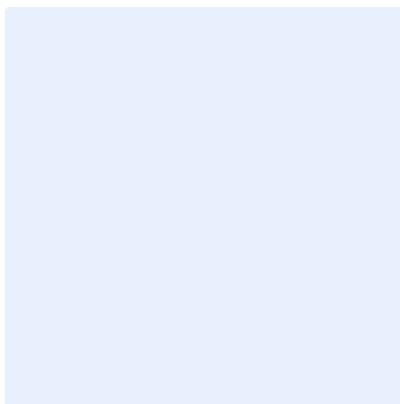
Year	2016	2017	2018	2019	2020
Budget	\$25,000	\$175,000	\$	\$	\$

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 with 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:



Project #: SAN/16-20/A **Department:** Public Works

Project Name: Inflow & Infiltration Control

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

Expenditure Detail:

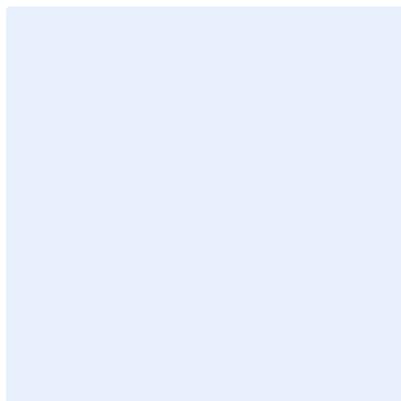
Year	2016	2017	2018	2019	2020
Budget	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 considerations, it is necessary to reduce 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:



Project #: SAN/16-20/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:

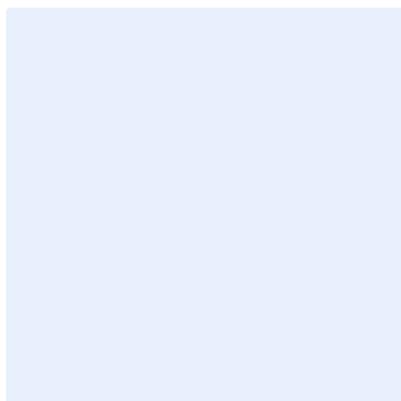
Year	2016	2017	2018	2019	2020
Budget	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 with details to be developed in late 2014 into 2015. 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 considerations, it is necessary to reduce 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:



Project #: SAN/16-20/C **Department:** Public Works

Project Name: Coordinated Project – Lateral Replacement

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

Expenditure Detail:

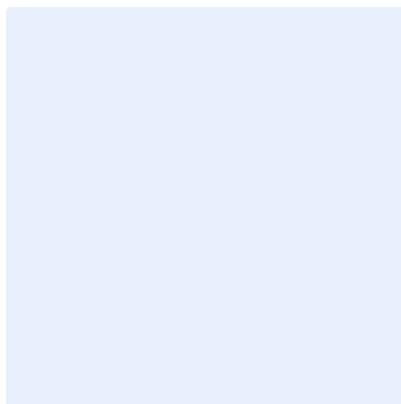
Year	2016	2017	2018	2019	2020
Budget	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 considerations, it is necessary to reduce 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:



Project #: SAN/16/01 **Department:** Public Works

Project Name: Generator Replacement

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

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$40,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

Project Description: The sanitary sewer generator is due for replacement in 2016 due to age and decreased functionality/reliability. 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:



Project #: OT **Department:** Water Utility

Project Name: All shop tools/equipment

Total Project Cost: \$4,000 annually **Estimated Life of Project:** OT

Expenditure Detail: Water Utility Equipment

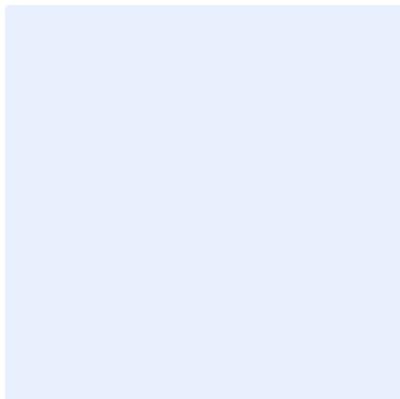
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual replacement of small equipment items as necessary

Project Justification: OT

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Supervisory Control and Data Acquisition (SCADA)

Total Project Cost: \$4,000 annually **Estimated Life of Project:** 0T

Expenditure Detail: Infrastructure Replacement

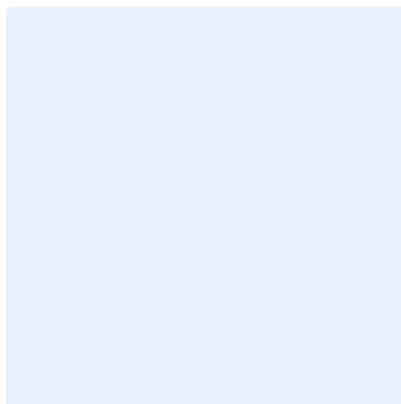
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual maintenance of SCADA equipment

Project Justification: SCADA system includes control equipment at each supply point, the standpipe, and at Village Hall. Radio communications are used to relay information from the remote sites to the control center in the Utility office. The system controls the operation of the water distribution system and chlorine booster station. SCADA system is equipment with an emergency dialer to contact Utility personnel if any alarms are triggered during system operation. If the SCADA system is not operating properly the tasks for supply flow, system pressure, and operational control must be performed manually around the clock. The SCADA system allows for unmanned operation during 2nd and 3rd shifts, therefore the SCADA system is a very cost effective tool to keep the system running and the operating costs to a minimum.

Project Picture / Map:



Project #: OT **Department:** Water Utility

Project Name: Water Main Relays

Total Project Cost: \$1,722,000 **Estimated Life of Project:** 30 years

Expenditure Detail: Water Main Infrastructure Replacement

Year	2016	2017	2018	2019	2020
Budget	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

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 \ Year	2016	2017	2018	2019	2020
Terry Ave.	\$75,000				
52 nd Street	\$120,000				
56 th Street	\$180,000				
51 st Street		\$252,000			
Teutonia Ave*		\$275,000			
Churchill			\$200,000		
54 th Street				\$150,000	
Goodrich				\$100,000	
50 th Street					\$150,000
61 st Street					\$220,000
Total	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

* Denotes project is not in conjunction with a street reconstruction project.

Project #: OT **Department:** Water Utility

Project Name: Booster Disinfection Station

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

Expenditure Detail: Equipment replacement

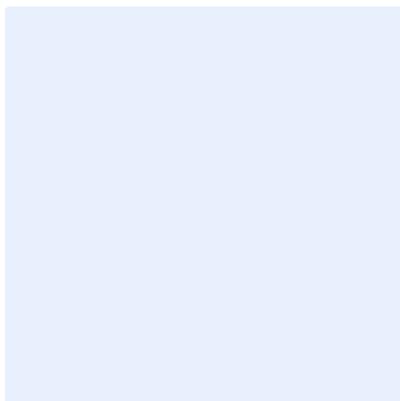
Year	2016	2017	2018	2019	2020
Budget	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

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:



Project #: OT **Department:** Water Utility

Project Name: Meter Reading Equipment

Total Project Cost: \$23,000 **Estimated Life of Project:** 20 years

Expenditure Detail: Meter reading – Equipment replacement

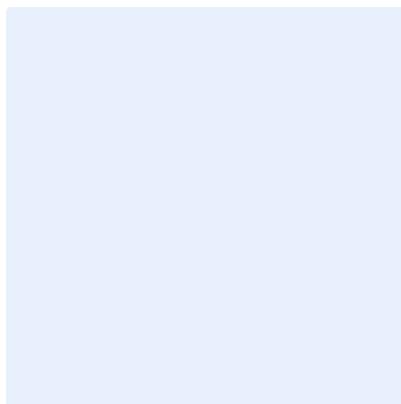
Year	2016	2017	2018	2019	2020
Budget	\$1,500	\$1,500	\$5,000	\$5,000	\$5,000

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.

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Computers

Total Project Cost: \$7,500 **Estimated Life of Project:** 3-5 years

Expenditure Detail: Water - Equipment

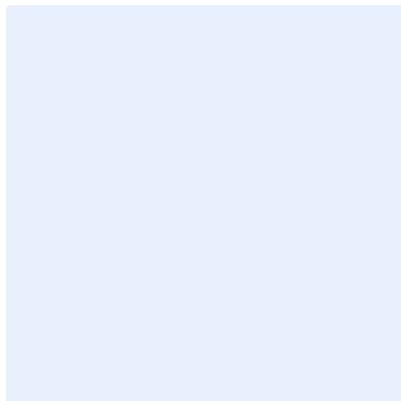
Year	2016	2017	2018	2019	2020
Budget	\$2,500	0T	\$2,500	0T	\$2,500

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Upgrade office computer equipment

Project Justification: The Utility has 4 computers in the office, 1 in the utility garage, and 1 for meter reading. Since computer software and operating systems are improved significantly on a cycle of about 3-5 years, regular replacement of computers should be budgeted in this plan. Office computers are budgeted \$2,500 every other year

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Dump Truck

Total Project Cost: \$3,000 annually **Estimated Life of Project:** 0T

Expenditure Detail: Water - Equipment

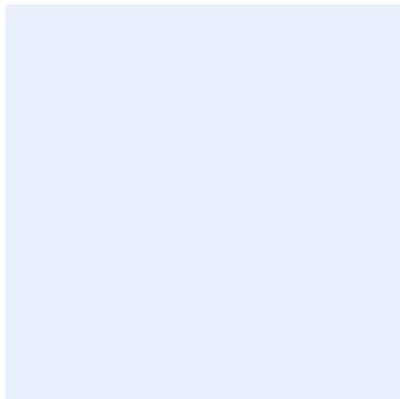
Year	2016	2017	2018	2019	2020
Budget	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Repairs to Utility dump truck

Project Justification: The 2002 Utility dump truck is used for water main, valve, service lateral, and hydrant repairs. Due to the age of the truck, significant maintenance will need to regularly be performed so the cost is shown in the capital budget

Project Picture / Map:



Project #: OT **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

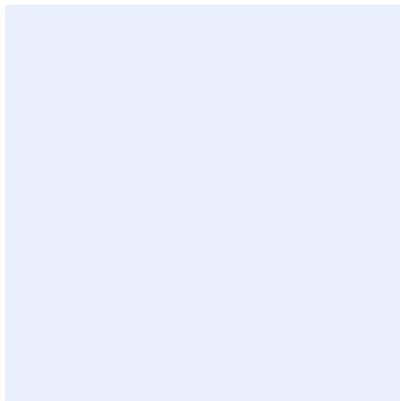
Year	2016	2017	2018	2019	2020
Budget	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000

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.

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Hydrant and Valve replacement

Total Project Cost: \$10,000 **Estimated Life of Project:** 30 years

Expenditure Detail: Water - Equipment

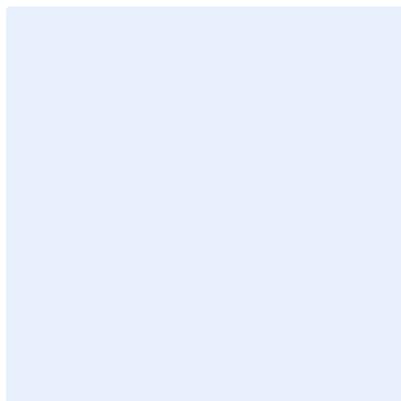
Year	2016	2017	2018	2019	2020
Budget	\$10,000	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Investigate alternatives to modifying the existing booster stations at the 43rd Street, and 60th Street supply points.

Project Justification: The Water Utility currently has a booster station located at each water supply location. The booster stations were installed in 1980 when there were pressure and supply concerns with Milwaukee Water Works (MWW). Since 1980, MWW has improved the water supply to the Village and the operation of the booster pumps has not been required. This project will examine the alternatives available to the Utility for modifying the existing configuration (downsizing) or elimination the booster pumps.

Project Picture / Map:



Project Description	Project Number	2017 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF FUNDS	Fund Balance	Unfunded Requests
Available Funds			\$1,125,000	\$372,000			\$40,000	
Administration								
Work Order Software		\$12,284		\$12,284				
Fixed Asset Software		\$12,194						\$12,194
Human Resources Software		\$14,284						\$14,284
Community Services								
Bradley Road (East) Sherman - Green Bay		\$525,000	\$525,000					
Buxton Retail Market Analysis		\$50,000				\$50,000		
Cracksealing		\$10,000	\$10,000					
Re-Paving Program		\$300,000	\$300,000					
Sidewalk Repair		\$50,000	\$50,000					
Web Based GIS		\$50,000						\$50,000
Sidewalk Connection Plan		\$150,000						\$150,000
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Vehicles		\$90,000		\$90,000				
Computer Station Replacement		\$10,270		\$10,270				
TASER Enhancement Program		\$6,000		\$6,000				
Body Worn Cameras		\$67,458						\$67,458
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$212,000	\$212,000					
Dispatch Center								
Annual contribution for capital		\$21,652	\$21,652					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Paperless Document Management		\$20,000						\$20,000
Library								
Staff PC, Server, and Equipment		\$26,200		\$26,200				
Express Self Service		\$111,200						\$111,200
Automated Materials Handling (RFID)		\$85,000						\$85,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
5 YD Truck Replacement		\$200,000		\$200,000				
3/4 Ton Patrol Truck		\$40,000					\$40,000	
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000						\$5,000
MC Plumbing		\$60,000						\$60,000
MC Office Remodel		\$100,000						\$100,000
Beautification Projects		\$5,000						\$5,000
Total								
		\$2,424,831	\$1,118,652	\$376,754	\$0	\$50,000	\$40,000	\$839,425
Balance								
			\$6,348	(\$4,754)			\$1,594	

Project Description	Project Number	2017 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/17/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/17/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/17/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000
StormWater Projects						
Ditch Rehabilitation Program	STM/17/01	\$200,000	\$200,000			
Bradley Road Box Culvert	STM/17/02	\$175,000				\$175,000
Churchill Basin Naturalization	STM/17/02	\$25,000				\$25,000
StormWater Total		\$400,000	\$200,000	\$0	\$0	\$200,000
Water Projects						
All Shop Tools/Equipment	WAT-001	\$4,000	\$4,000			
SCADA	WAT-002	\$4,000	\$4,000			
Main Relays	WAT-004	\$527,000			\$177,000	\$350,000
Coordinated projects	WAT-016	\$0				
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$1,500			\$1,500	
Dump truck repairs	WAT-013	\$3,000	\$3,000			
Hydrants, Valve Services	WAT-015	\$30,000			\$30,000	
Water Total		\$574,500	\$16,000	\$0	\$208,500	\$350,000

Project #: 0T **Department:** ADMINSTRATIVE

Project Name: WORK ORDER

Total Project Cost: \$12,284 **Estimated Life of Project:** 10 YEARS

Expenditure Detail:

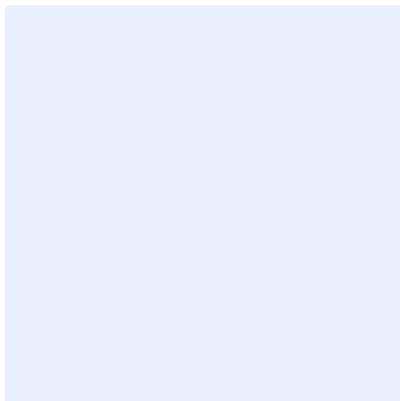
Year	2016	2017	2018	2019	2020
Budget	0T	\$12,284	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Purchase the BS&A Work Order application software

Project Justification: Purchasing the Work Order application would streamline the myriad resources used by the Village in the management of work orders, including inventory, equipment, employees and vendors. This will allow use of existing GIS map layers to plot work orders, assets, and facilities and enables utilization of the GIS information efficiently when evaluating work order data.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Bradley Road (East) – N. Sherman Blvd. to N. Green Bay Road

Total Project Cost: \$560,000 **Estimated Life of Project:** 25 years

Expenditure Detail:

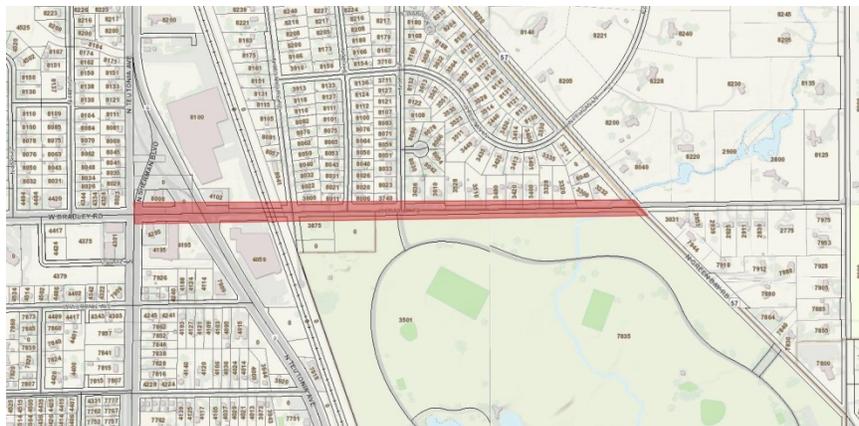
Year	2016	2017	2018	2019	2020
Budget	\$35,000	\$525,000	\$	\$	OT

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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 N. Sherman Blvd. to N. Green Bay Road. 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 2016 with construction in 2017.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Buxton Retail Market Analysis

Total Project Cost: \$150,000 **Estimated Life of Project:** 5 years

Expenditure Detail:

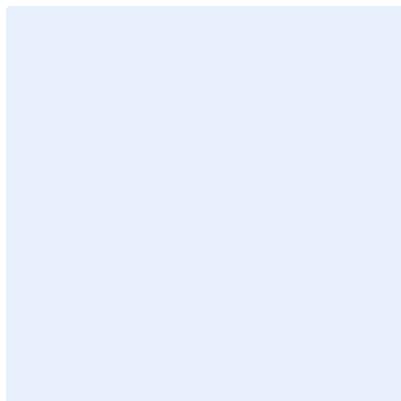
Year	2016	2017	2018	2019	2020
Budget	\$50,000	\$50,000	\$50,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Buxton would provide Brown Deer specific analytic data to identify potential retailers to fill empty parcels and storefronts in the community. In addition they would offer support in contacting corporate retail decision makers and site selectors to ensure that the Village redevelopment opportunities are being appropriately presented. They propose a three year contract with the Village because it will take time to build relationships with retailers and to analyze evolving data trends which may influence retail decision makers.

Project Justification: Buxton is a retail analysis leader that helps communities get beyond basic demographic data in order to tailor economic development efforts to fit market realities. The Village has had a difficult time in “selling” Brown Deer to regional and national retailers and a big challenge has been presenting the Village’s unique characteristics. Further, Staff has repeatedly been charged with finding certain “name brand” businesses and have found it difficult to get beyond the corporate gatekeepers to help make the case for the Village. Buxton’s information gathering and experience in the market will help the Village get past the front line gatekeepers and allow Brown Deer to become more responsive to retail opportunities.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Cracksealing

Total Project Cost: \$50,000 **Estimated Life of Project:** 7 years

Expenditure Detail:

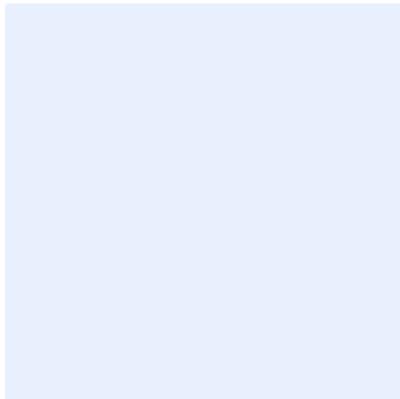
Year	2016	2017	2018	2019	2020
Budget	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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:



Project #: DPW/16-20/G **Department:** Public Works

Project Name: Re-Paving Program

Total Project Cost: \$300,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This Program addresses failing pavements that are primarily found on local residential streets and 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:



07/10/14

Project #: OT **Department:** CSD

Project Name: Sidewalk Repair/Maintenance

Total Project Cost: \$150,000 **Estimated Life of Project:** 35 years

Expenditure Detail:

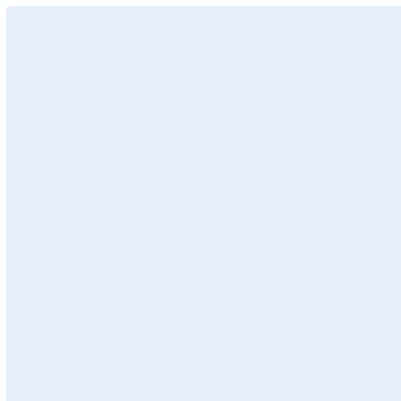
Year	2016	2017	2018	2019	2020
Budget	\$	\$50,000	\$	\$50,000	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This program contemplates a three year cycle to address outstanding maintenance issues in the sidewalk network of the Village. Some areas of concerns that would be addressed include sidewalk sections along N. 51st Street from Brown Deer Road to Green Brook Drive and areas of sidewalk along Dean Road from 60th to 65th Street. Other areas would be inventoried by DPW and targeted for spot replacement under an annual contract.

Project Justification: Many sidewalks and pathways in Brown Deer have areas of significant cracks, settling and deterioration. A regular maintenance schedule is required to keep them in good repair.

Project Picture / Map:



Project #: **Department:** POLICE

Project Name: VEHICLE REPLACEMENT

Total Project Cost: \$90,000.00 **Estimated Life of Project:** 2-5 year

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$130,000.00	\$90,000.00	\$135,000.00	\$95,000.000	\$140,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Police squad car replacement – two marked (one Chevrolet Tahoe, one Ford Police Interceptor SUV) one unmarked (Ford Police Interceptor SUV).

Project Justification: Replacement of the squads is part of the regular rotation due to mileage, use, technology and equipment updates and changes.

Project Picture / Map:



Project #: **Department:** POLICE

Project Name: COMPUTER STATION REPLACEMENT

Total Project Cost: \$10,270.00 **Estimated Life of Project:** 5 years each

Expenditure Detail:

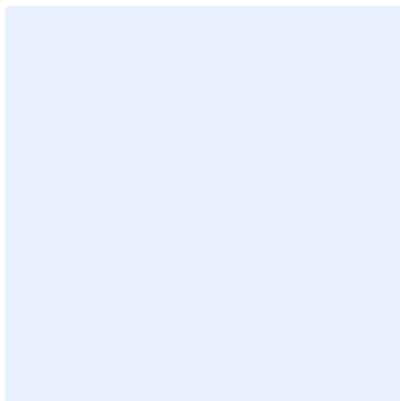
Year	2016	2017	2018	2019	2020
Budget	\$	\$10,270.00	\$10,785.00	\$11,324.00	\$11,890

Funding Sources: Levy Debt Grant Donations Fund Balance TIF FUNDS

Project Description: Computer station replacement (six regular users, one power user) – CPU’s, software, monitors, printers, keyboards, peripherals.

Project Justification: Computer station replacement is part of a 5 year rotation plan as recommended by our IT contractor (CC&N) due to service life, upgraded technology, no longer supported software/equipment, etc.

Project Picture / Map:



Project #: **Department:** POLICE/VILLAGE

Project Name: TASER ENHANCEMENT PROGRAM

Total Project Cost: \$6,000.00 **Estimated Life of Project:** 5 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$13,000.00	\$6,000.00	\$4,000.00	\$4,000.00	\$4,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Purchase 12 TASER Electronic Control Devices (ECD) and related equipment for use and training.

Project Justification: In 2015 we began a program to significantly enhance the police department’s less lethal force equipment. One of the primary goals of this program is to issue every officer on the department a TASER Electronic Control Device (ECD). With the purchase of these 10 devices, that goal will be complete. Along with the additional TASER ECD’s we will need the necessary related equipment such as holsters, batteries, probe cartridges (regular and training) and practice targets. The equipment update portion of this project will be an ongoing budget item.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

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

Project Name: Computer Replacement Program

Total Project Cost: \$7,000

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	7,000	7,000	6,000	7,000	7,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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. Also, computers at the DPW office are aging and need to go on a replacement schedule rather than receive used computers from other departments (i.e. police & library). Software upgrades are also necessary to stay up with industry standards (i.e. CAD, GIS, etc.). Computer upgrades are needed for the following positions Director, Ops Supervisor, Administrative Assistant, Sanitary Sewer Technician, Mechanic, and General: Use Station. One (1) computer would be replaced each year.

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. The life of a computer is approximately 5-years.

Project Picture / Map:



Project #: LIB/17/2 **Department:** Library

Project Name: Staff PC, Server and Peripheral equipment replacement

Total Project Cost: \$26,200 **Estimated Life of Project:** 5 years

Expenditure Detail:

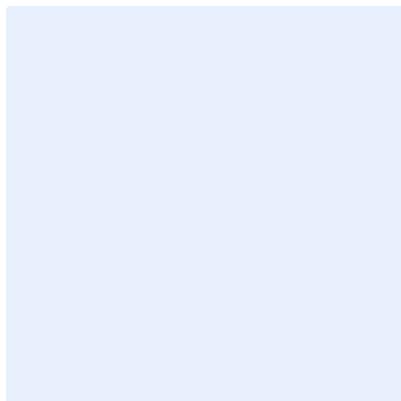
Year	2016	2017	2018	2019	2020
Budget	0T	\$26,200	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Industry standard on computer life cycle recommendation for office computer equipment is 4 years for desktop PCs, and 5 years for networking hardware, servers, and peripherals. We currently have 12 staff desktop PCs which were installed in 2012. The printers and scanners were purchased in 1995, 2006x and 2011. The server was installed in 2012.

Project Justification: All equipment is scheduled for replacement in order to pre-empt service outages due to failing aging hardware, and maintain interoperability with new third-party software and hardware.

Project Picture / Map:



Project #: DPW/17/01 **Department:** Public Works

Project Name: 5YD Patrol Truck Replacement (No. 79)

Total Project Cost: \$200,000 **Estimated Life of Project:** 13-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$200,000	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: DPW is requesting a new 34,000 GVW, 5 yd. patrol truck with plow, wing, salter, controls, and radio to replace the existing unit (Truck No. 79) 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. The age of item to be replaced is 13 years in 2017. The annual maintenance costs are \$2,000 + labor due to the poor condition. The existing vehicle will be auctioned using the State of Wisconsin surplus website. The estimated sold amount is \$30,000. The estimated cost of the new vehicle was determined from recent bid history for this type of equipment.

Project Justification: This piece of equipment is critical for winter plowing operations and summer ditching operations.

Project Picture / Map:



Project #: DPW/17/02 **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	2016	2017	2018	2019	2020
Budget	\$	\$40,000	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: DPW is requesting a new ¾-ton 4x4 pick-up truck with plow & 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 13 years in 2017. 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: This piece of equipment is critical for winter plowing operations and all other operations/divisions at DPW.

Project Picture / Map:



Project #: DPW/16-20/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	2016	2017	2018	2019	2020
Budget	\$20,000	\$25,000	\$25,000	\$25,000	\$25,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

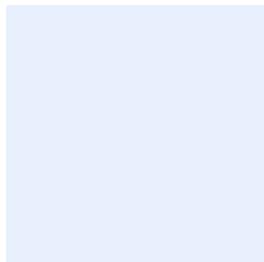
Project Description: Emerald Ash Borer (EAB) has been detected and is present within the Village. In order to preserve the existing ash tree canopy DPW will be administering trunk injected chemical treatments throughout the Village’s ash tree population. The chemical treatments are administered on a 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.

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:



Project #: STM/16-20/A **Department:** Public Works

Project Name: Ditch Rehab Program

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

Expenditure Detail:

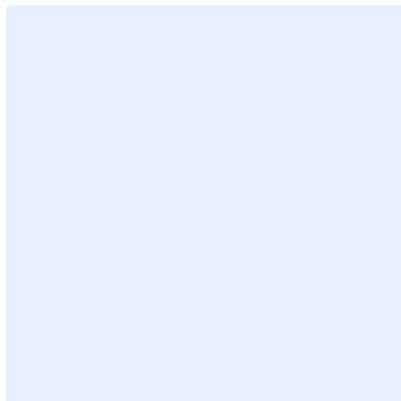
Year	2016	2017	2018	2019	2020
Budget	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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:



Project #: STM/17/01 **Department:** Public Works

Project Name: W. Bradley Road Box Culvert Replacement

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

Expenditure Detail:

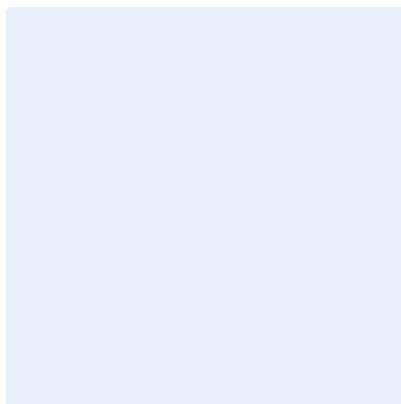
Year	2016	2017	2018	2019	2020
Budget	\$25,000	\$175,000	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 with 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:



Project #: STM/18/01 **Department:** Public Works

Project Name: Churchill Basin Naturalization

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

Expenditure Detail:

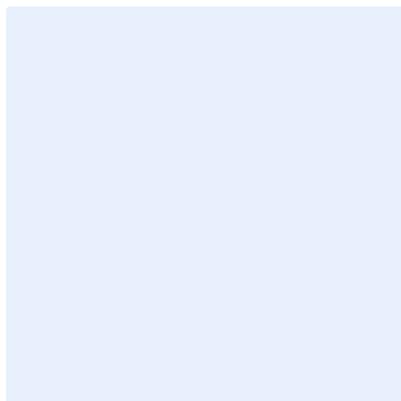
Year	2016	2017	2018	2019	2020
Budget	\$	\$25,000	\$175,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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:



Project #: SAN/16-20/A **Department:** Public Works

Project Name: Inflow & Infiltration Control

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

Expenditure Detail:

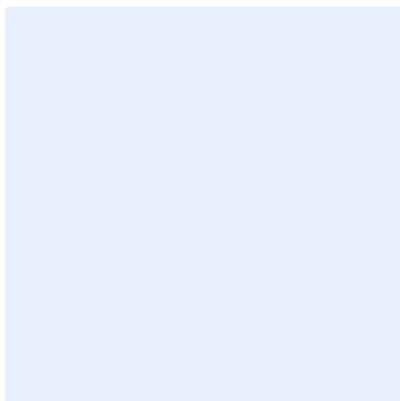
Year	2016	2017	2018	2019	2020
Budget	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 considerations, it is necessary to reduce 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:



Project #: SAN/16-20/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:

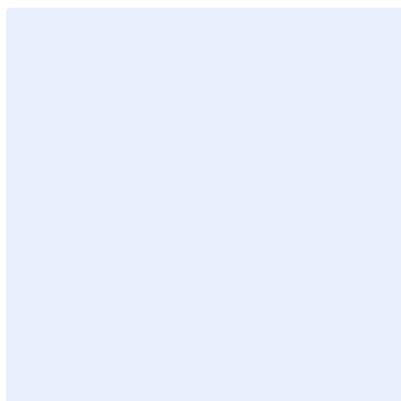
Year	2016	2017	2018	2019	2020
Budget	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 with details to be developed in late 2014 into 2015. 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 considerations, it is necessary to reduce 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:



Project #: SAN/16-20/C **Department:** Public Works

Project Name: Coordinated Project – Lateral Replacement

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

Expenditure Detail:

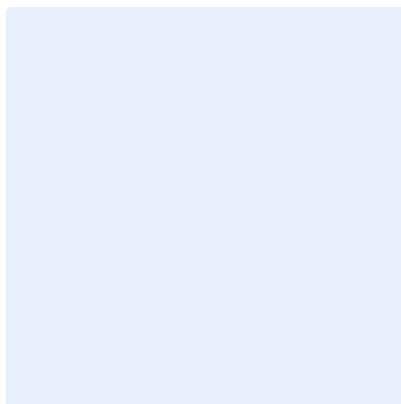
Year	2016	2017	2018	2019	2020
Budget	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 considerations, it is necessary to reduce 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:



Project #: OT **Department:** Water Utility

Project Name: All shop tools/equipment

Total Project Cost: \$4,000 annually **Estimated Life of Project:** OT

Expenditure Detail: Water Utility Equipment

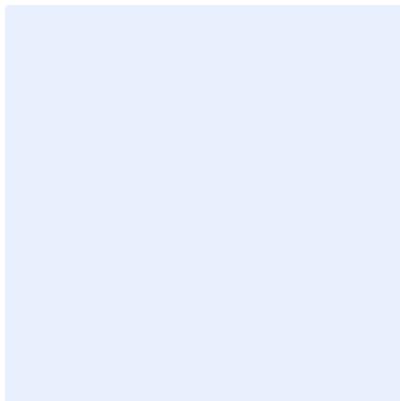
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual replacement of small equipment items as necessary

Project Justification: OT

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Supervisory Control and Data Acquisition (SCADA)

Total Project Cost: \$4,000 annually **Estimated Life of Project:** 0T

Expenditure Detail: Infrastructure Replacement

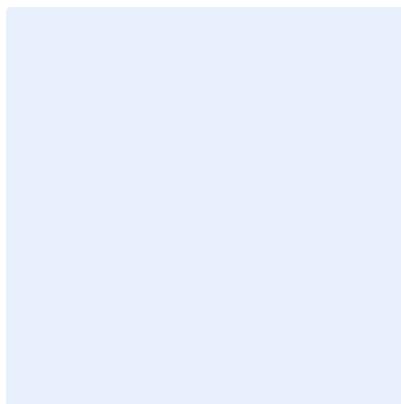
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual maintenance of SCADA equipment

Project Justification: SCADA system includes control equipment at each supply point, the standpipe, and at Village Hall. Radio communications are used to relay information from the remote sites to the control center in the Utility office. The system controls the operation of the water distribution system and chlorine booster station. SCADA system is equipment with an emergency dialer to contact Utility personnel if any alarms are triggered during system operation. If the SCADA system is not operating properly the tasks for supply flow, system pressure, and operational control must be performed manually around the clock. The SCADA system allows for unmanned operation during 2nd and 3rd shifts, therefore the SCADA system is a very cost effective tool to keep the system running and the operating costs to a minimum.

Project Picture / Map:



Project #: OT **Department:** Water Utility

Project Name: Water Main Relays

Total Project Cost: \$1,722,000 **Estimated Life of Project:** 30 years

Expenditure Detail: Water Main Infrastructure Replacement

Year	2016	2017	2018	2019	2020
Budget	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

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 \ Year	2016	2017	2018	2019	2020
Terry Ave.	\$75,000				
52 nd Street	\$120,000				
56 th Street	\$180,000				
51 st Street		\$252,000			
Teutonia Ave*		\$275,000			
Churchill			\$200,000		
54 th Street				\$150,000	
Goodrich				\$100,000	
50 th Street					\$150,000
61 st Street					\$220,000
Total	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

* Denotes project is not in conjunction with a street reconstruction project.

Project #: OT **Department:** Water Utility

Project Name: Booster Disinfection Station

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

Expenditure Detail: Equipment replacement

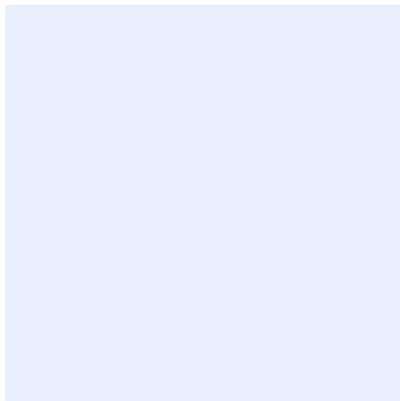
Year	2016	2017	2018	2019	2020
Budget	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

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:



Project #: OT **Department:** Water Utility

Project Name: Meter Reading Equipment

Total Project Cost: \$23,000 **Estimated Life of Project:** 20 years

Expenditure Detail: Meter reading – Equipment replacement

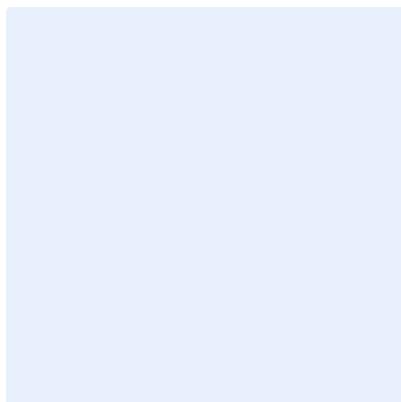
Year	2016	2017	2018	2019	2020
Budget	\$1,500	\$1,500	\$5,000	\$5,000	\$5,000

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.

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Dump Truck

Total Project Cost: \$3,000 annually **Estimated Life of Project:** 0T

Expenditure Detail: Water - Equipment

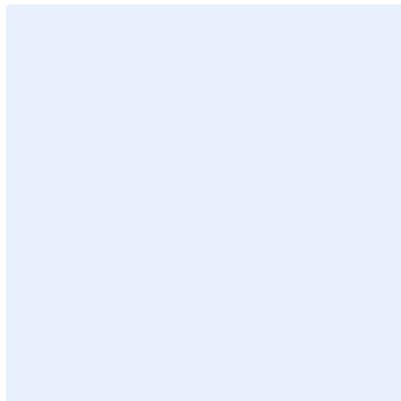
Year	2016	2017	2018	2019	2020
Budget	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Repairs to Utility dump truck

Project Justification: The 2002 Utility dump truck is used for water main, valve, service lateral, and hydrant repairs. Due to the age of the truck, significant maintenance will need to regularly be performed so the cost is shown in the capital budget

Project Picture / Map:



Project #: OT **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

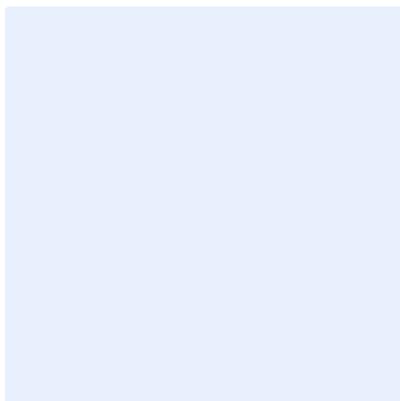
Year	2016	2017	2018	2019	2020
Budget	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000

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.

Project Picture / Map:



Project Description	Project Number	2018 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF FUNDS	Fund Balance	Unfunded Requests
Available Funds			\$1,350,000	\$372,000			\$50,000	
Administration								
Fixed Asset Software		\$12,194		\$12,194				
Human Resources Software		\$14,284						\$14,284
Community Services								
Bradley Road (West) 51st - 60th		\$500,000	\$500,000					
Buxton Retail Market Analysis		\$50,000				\$50,000		
Cracksealing		\$10,000	\$10,000					
Re-Paving Program		\$300,000	\$300,000					
Sidewalk Connection Plan		\$100,000						\$100,000
Boundary Signs		\$10,000						\$10,000
Web Based GIS		\$50,000						\$50,000
Police Department								
Police Vehicles		\$135,000		\$135,000				
Computer Station Replacement		\$10,785		\$10,785				
TASER Enhancement Program		\$4,000		\$4,000				
Body Worn Cameras		\$67,458						\$67,458
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$216,000	\$216,000					
Dispatch Center								
Annual contribution for capital		\$23,000	\$23,000					
Manager's Office								
Computer replacement program		\$6,000		\$6,000				
Paperless Document Management		\$20,000						\$20,000
Library								
Express Self Service		\$111,200						\$111,200
Automated Materials Handling (RFID)		\$85,000						\$85,000
Patio Removal/remodel and landscaping		\$15,000						\$15,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
MC Plumbing		\$60,000	\$60,000					
MC Office Remodel		\$100,000	\$100,000					
5 YD Truck Replacement		\$200,000		\$200,000				
Pick Up Truck Replacement		\$40,000					\$40,000	
MC Salt Dome Roof		\$50,000	\$50,000					
MC Shed Structure Roof		\$50,000	\$50,000					
MC Recycling Center Shed		\$25,000	\$25,000					
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000	\$5,000					
Air Compressor Replacement		\$35,000						\$35,000
Tractor Replacement		\$42,000						\$42,000
Beautification Projects		\$5,000						\$5,000
Total								
		\$2,526,210	\$1,339,000	\$392,979	\$0	\$50,000	\$40,000	\$704,231
Balance								
			\$11,000	(\$20,979)			\$21	

Project Description	Project Number	2018 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/18/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/18/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/18/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000
StormWater Projects						
Ditch Rehabilitation Program	STM/18/01	\$200,000	\$200,000			
Brooklane Basin (Dean rd. to 47th)	STM/18/04	\$25,000				\$25,000
Churchill Basin Naturalization	STM/17/02	\$175,000				\$175,000
StormWater Total		\$400,000	\$200,000	\$0	\$0	\$200,000
Water Projects						
All Shop Tools/Equipment	WAT-001	\$4,000	\$4,000			
SCADA	WAT-002	\$4,000	\$4,000			
Main Relays	WAT-004	\$200,000				\$200,000
Coordinated projects	WAT-016	\$0				
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Storage Facility Inspection	WAT-005	\$20,000	\$20,000			
Storage Tank Inspection	WAT-008	\$20,000				\$20,000
Water Meter Reading System Replacement	WAT-011	\$5,000	\$5,000			
Computers	WAT-012	\$2,500	\$2,500			
Dump truck repair	WAT-013	\$3,000	\$3,000			
Hydrants, Valve Services	WAT-015	\$30,000			\$30,000	
Water Total		\$293,500	\$43,500	\$0	\$30,000	\$220,000

Project #: 0T **Department:** ADMINISTRATIVE

Project Name: FIXED ASSETS

Total Project Cost: \$12,194 **Estimated Life of Project:** 10 YEARS

Expenditure Detail:

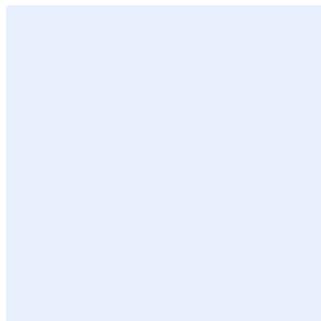
Year	2016	2017	2018	2019	2020
Budget	0T	0T	\$12,194	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Purchase BS & A Fixed Asset application software which will keep track of fixed assets.

Project Justification: The Fixed Asset application through BS&A can easily track and report on the Village’s assets for full compatibility with GASB 34 reporting standards. Easily integrates with GL/Budgeting and Purchase Order applications which would assist with eliminating duplicate data entry. The book value of an asset as of a specific date may be determined at any time saving research time. This software application can produce GASB 34 Compliant reports necessary for financial statement note disclosure saving time creating the necessary reports. Construction projects can be tracked and automatically converted to capital assets once completed.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Bradley Road (West) - N. 51st Street to N. 60th Street

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

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$500,000	\$	OT

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This proposal calls for the pavement on W. Bradley Road between N. 51st Street and N. 60th Street to be rubbelized and repaved with minimal changes to the existing footprint. Improved travel and bike lane markings could be explored.

Project Justification: This section of W. Bradley Road is starting to fail and is in need of repair. 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 as well as construction would all take place in 2018.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Buxton Retail Market Analysis

Total Project Cost: \$150,000 **Estimated Life of Project:** 5 years

Expenditure Detail:

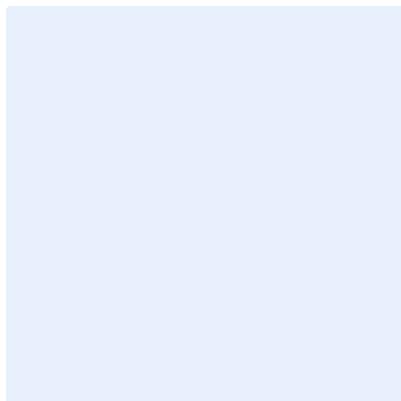
Year	2016	2017	2018	2019	2020
Budget	\$50,000	\$50,000	\$50,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Buxton would provide Brown Deer specific analytic data to identify potential retailers to fill empty parcels and storefronts in the community. In addition they would offer support in contacting corporate retail decision makers and site selectors to ensure that the Village redevelopment opportunities are being appropriately presented. They propose a three year contract with the Village because it will take time to build relationships with retailers and to analyze evolving data trends which may influence retail decision makers.

Project Justification: Buxton is a retail analysis leader that helps communities get beyond basic demographic data in order to tailor economic development efforts to fit market realities. The Village has had a difficult time in “selling” Brown Deer to regional and national retailers and a big challenge has been presenting the Village’s unique characteristics. Further, Staff has repeatedly been charged with finding certain “name brand” businesses and have found it difficult to get beyond the corporate gatekeepers to help make the case for the Village. Buxton’s information gathering and experience in the market will help the Village get past the front line gatekeepers and allow Brown Deer to become more responsive to retail opportunities.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Cracksealing

Total Project Cost: \$50,000 **Estimated Life of Project:** 7 years

Expenditure Detail:

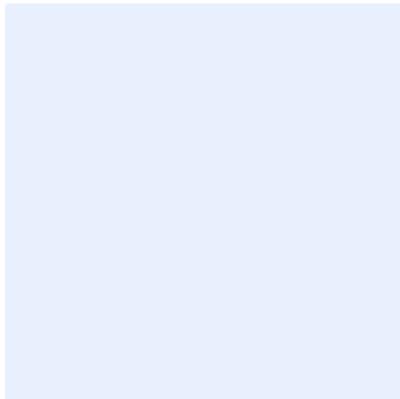
Year	2016	2017	2018	2019	2020
Budget	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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:



Project #: DPW/16-20/G **Department:** Public Works

Project Name: Re-Paving Program

Total Project Cost: \$300,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This Program addresses failing pavements that are primarily found on local residential streets and 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:



07/10/14

Project #: **Department:** POLICE

Project Name: VEHICLE REPLACEMENT

Total Project Cost: \$135,000.00 **Estimated Life of Project:** 2-5 year

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$130,000.00	\$90,000.00	\$135,000.00	\$95,000.000	\$140,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Police squad car replacement – two marked (one Chevrolet Tahoe, one Ford Police Interceptor SUV) one unmarked (Ford Police Interceptor SUV).

Project Justification: Replacement of the squads is part of the regular rotation due to mileage, use, technology and equipment updates and changes.

Project Picture / Map:



Project #: **Department:** POLICE

Project Name: COMPUTER STATION REPLACEMENT

Total Project Cost: \$10,785.00 **Estimated Life of Project:** 5 years each

Expenditure Detail:

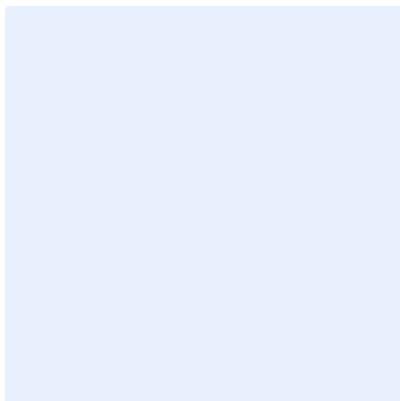
Year	2016	2017	2018	2019	2020
Budget	\$	\$10,270.00	\$10,785.00	\$11,324.00	\$11,890

Funding Sources: Levy Debt Grant Donations Fund Balance TIF FUNDS

Project Description: Computer station replacement (six regular users, one power user) – CPU’s, software, monitors, printers, keyboards, peripherals.

Project Justification: Computer station replacement is part of a 5 year rotation plan as recommended by our IT contractor (CC&N) due to service life, upgraded technology, no longer supported software/equipment, etc.

Project Picture / Map:



Project #: **Department:** POLICE/VILLAGE

Project Name: TASER ENHANCEMENT PROGRAM

Total Project Cost: \$4,000.00 **Estimated Life of Project:** FIVE YEARS

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$13,000.00	\$6,000.00	\$4,000.00	\$4,000.00	\$4,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Purchase 12 TASER Electronic Control Devices (ECD) and related equipment for use and training.

Project Justification: In 2015 we began a program to significantly enhance the police department’s less lethal force equipment. One of the primary goals of this program is to issue every officer on the department a TASER Electronic Control Device (ECD). With the purchase of these 10 devices, that goal will be complete. Along with the additional TASER ECD’s we will need the necessary related equipment such as holsters, batteries, probe cartridges (regular and training) and practice targets. The equipment update portion of this project will be an ongoing budget item.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

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

Project Name: Computer Replacement Program

Total Project Cost: \$6,000

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	7,000	7,000	6,000	7,000	7,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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. Also, computers at the DPW office are aging and need to go on a replacement schedule rather than receive used computers from other departments (i.e. police & library). Software upgrades are also necessary to stay up with industry standards (i.e. CAD, GIS, etc.). Computer upgrades are needed for the following positions Director, Ops Supervisor, Administrative Assistant, Sanitary Sewer Technician, Mechanic, and General: Use Station. One (1) computer would be replaced each year.

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. The life of a computer is approximately 5-years.

Project Picture / Map:



Project #: DPW/18/01 **Department:** Public Works

Project Name: 5YD Patrol Truck Replacement (No. 80)

Total Project Cost: \$200,000 **Estimated Life of Project:** 13-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$200,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: DPW is requesting a new 34,000 GVW, 5 yd. patrol truck with plow, wing, salter, controls, and radio to replace the existing unit (Truck No. 80) 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. The age of item to be replaced is 13 years in 2018. The annual maintenance costs are \$2,000 + labor due to the poor condition. The existing vehicle will be auctioned using the State of Wisconsin surplus website. The estimated sold amount is \$30,000. The estimated cost of the new vehicle was determined from recent bid history for this type of equipment.

Project Justification: This piece of equipment is critical for winter plowing operations and summer ditching operations.

Project Picture / Map:



Project #: DPW/18/02 **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	2016	2017	2018	2019	2020
Budget	\$	\$	\$40,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: DPW is requesting a new ¾-ton 4x4 pick-up truck with crew cab and full bed 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 13 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: This multi-purpose pick-up truck is used in all operations/divisions at DPW.

Project Picture / Map:



Project #: DPW/17/03 **Department:** Public Works

Project Name: Municipal Complex Plumbing Upgrades

Total Project Cost: \$60,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The project includes the renovation of the DPW toilet rooms so that ADA compliant fixtures are installed, replacement of the existing water heater, and replacement of the existing air compressor. Further recommendations can be found in the “Plumbing” system report for the DPW building as prepared by Muermann Engineering.

Project Justification: The municipal complex plumbing system and toilet rooms are in severe need of upgrades due to the age and non-code compliance issues (i.e. fire protection, HIPAA laws, ADA, etc.).

Project Picture / Map:

SEE PLUMBING SYSTEM REPORT (Feasibility Study)



Project #: DPW/17/04 **Department:** Public Works

Project Name: Municipal Complex Office Remodel

Total Project Cost: \$100,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$100,000	\$	\$

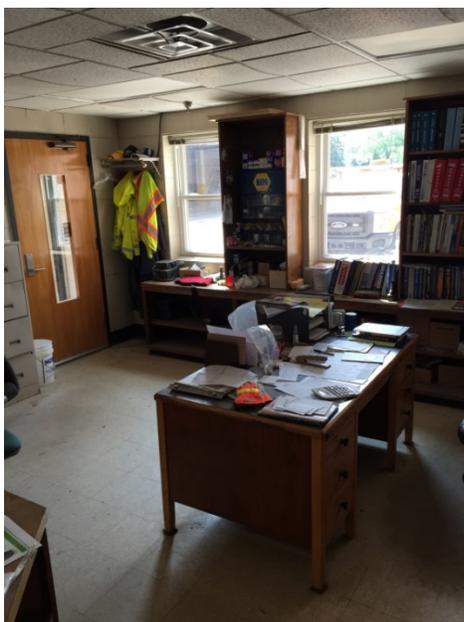
Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The project includes the renovation of the DPW office space. The office space includes the main office, mechanic office, sign-shop office and breakroom/hallway areas. The remodel is necessary to upgrade all office furniture and to include a meeting/layout area for plans production and resident/consultant meetings. The current space should be reorganized and/or reconfigured to accommodate a meeting space and include a Director/Supervisor office space. The sign-shop would be relocated to the garage and/or vehicle bay. The mechanic office may also be repurposed.

Project Justification: The municipal complex office space is in need of desperate remodeling. The space is not conducive for engineering design, lacks office space for a Director & Supervisor, lacks meeting space.

Project Picture / Map:

SEE PLUMBING SYSTEM REPORT (Feasibility Study)



Project #: DPW/18/05 **Department:** Public Works

Project Name: Salt Dome Storage Roof

Total Project Cost: \$50,000 **Estimated Life of Project:** 20-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$50,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: The project consists of the replacement of the shingled roof of the salt dome. The project may also include the replacement of vents with solar powered units. The salt dome was constructed in 1987 and the shingled roof is worn and has leaks have been repaired on the entry flat roof. Upon review of the original plans it was found that a 20yr. life shingle was used. In 2016 the roof will be 29 years old.

Project Justification: The salt dome roof is critical in protecting the Village’s salt supply throughout the year. The salt supply needs to be protected from the elements to ensure effective use during winter operations.

Project Picture / Map:



Project #: DPW/18/06 **Department:** Public Works

Project Name: Shed Material Storage Roof Replacement

Total Project Cost: \$50,000 **Estimated Life of Project:** 20-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$50,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The project consists of the replacement of the built-up roof of the shed storage structure on the east side of the Public Works yard. The shed structure was constructed in 1966 with the main facility and the built-up roof is worn.

Project Justification: The shed material storage roof protects topsoil material, and roadway base course material which is a critical supply for summer projects throughout the Village. It is important to protect materials from precipitation to ensure material specifications are met.

Project Picture / Map:



Project #: DPW/18/07 **Department:** Public Works

Project Name: Recycling Center Shed Replacement

Total Project Cost: \$25,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$25,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The project consists of the replacement of the existing shed structure located in the recycling center. The shed structure is original with the building (1966) and requires numerous repairs and is minimally insulated.

Project Justification: Recycling attendants currently use their personal vehicles in the winter months due to the poor temperature control in the shed structure. During the summer months the shed structure is extremely hot. The shed structure is not used due to the poor condition. An adequate space for the recycling attendants is needed while working their shift.

Project Picture / Map:



Project #: STM/16-20/A **Department:** Public Works

Project Name: Ditch Rehab Program

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

Expenditure Detail:

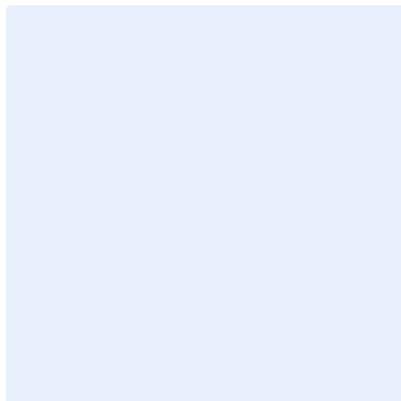
Year	2016	2017	2018	2019	2020
Budget	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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:



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

Project Name: Brooklane Basin Naturalization

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

Expenditure Detail:

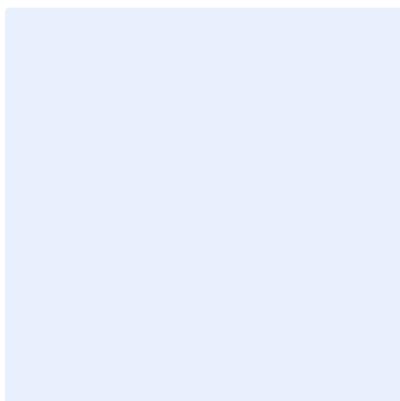
Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$25,000	\$175,000	\$

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 in order 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:



Project #: STM/18/01 **Department:** Public Works

Project Name: Churchill Basin Naturalization

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

Expenditure Detail:

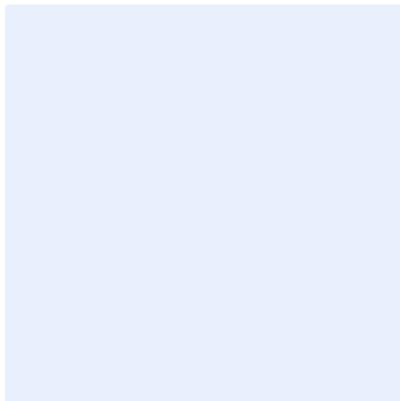
Year	2016	2017	2018	2019	2020
Budget	\$	\$25,000	\$175,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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:



Project #: SAN/16-20/A **Department:** Public Works

Project Name: Inflow & Infiltration Control

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

Expenditure Detail:

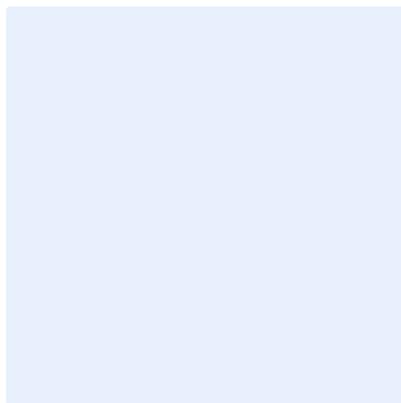
Year	2016	2017	2018	2019	2020
Budget	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 consideration, it is necessary to reduce 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:



Project #: SAN/16-20/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:

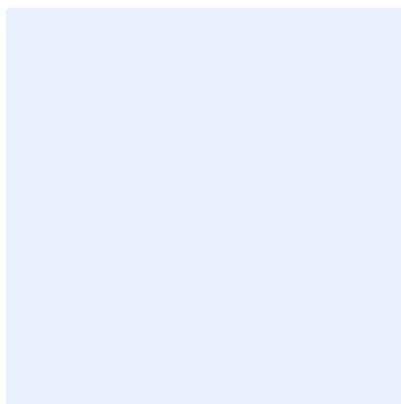
Year	2016	2017	2018	2019	2020
Budget	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 with details to be developed in late 2014 into 2015. 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 considerations, it is necessary to reduce 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:



Project #: SAN/16-20/C **Department:** Public Works

Project Name: Coordinated Project – Lateral Replacement

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

Expenditure Detail:

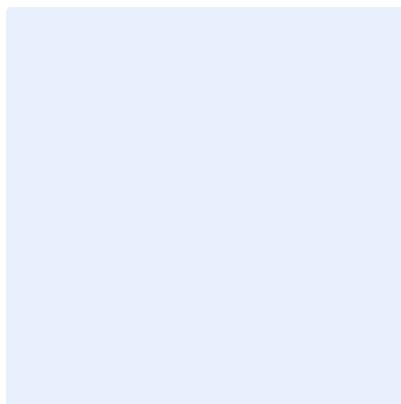
Year	2016	2017	2018	2019	2020
Budget	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 considerations, it is necessary to reduce 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:



Project #: OT **Department:** Water Utility

Project Name: All shop tools/equipment

Total Project Cost: \$4,000 annually **Estimated Life of Project:** OT

Expenditure Detail: Water Utility Equipment

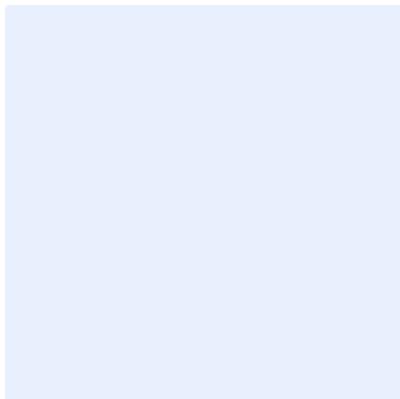
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual replacement of small equipment items as necessary

Project Justification: OT

Project Picture / Map:



Project #: OT **Department:** Water Utility

Project Name: Supervisory Control and Data Acquisition (SCADA)

Total Project Cost: \$4,000 annually **Estimated Life of Project:** OT

Expenditure Detail: Infrastructure Replacement

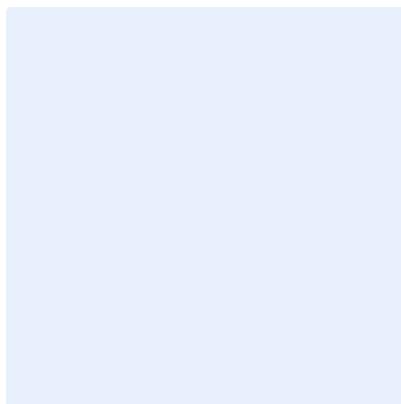
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual maintenance of SCADA equipment

Project Justification: SCADA system includes control equipment at each supply point, the standpipe, and at Village Hall. Radio communications are used to relay information from the remote sites to the control center in the Utility office. The system controls the operation of the water distribution system and chlorine booster station. SCADA system is equipment with an emergency dialer to contact Utility personnel if any alarms are triggered during system operation. If the SCADA system is not operating properly the tasks for supply flow, system pressure, and operational control must be performed manually around the clock. The SCADA system allows for unmanned operation during 2nd and 3rd shifts, therefore the SCADA system is a very cost effective tool to keep the system running and the operating costs to a minimum.

Project Picture / Map:



Project #: OT **Department:** Water Utility

Project Name: Water Main Relays

Total Project Cost: \$1,722,000 **Estimated Life of Project:** 30 years

Expenditure Detail: Water Main Infrastructure Replacement

Year	2016	2017	2018	2019	2020
Budget	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

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 \ Year	2016	2017	2018	2019	2020
Terry Ave.	\$75,000				
52 nd Street	\$120,000				
56 th Street	\$180,000				
51 st Street		\$252,000			
Teutonia Ave*		\$275,000			
Churchill			\$200,000		
54 th Street				\$150,000	
Goodrich				\$100,000	
50 th Street					\$150,000
61 st Street					\$220,000
Total	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

* Denotes project is not in conjunction with a street reconstruction project.

Project #: OT **Department:** Water Utility

Project Name: Booster Disinfection Station

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

Expenditure Detail: Equipment replacement

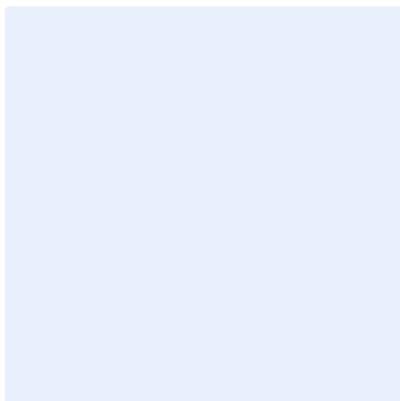
Year	2016	2017	2018	2019	2020
Budget	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

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:



Project #: 0T **Department:** Water Utility

Project Name: Water Storage Facility Inspection

Total Project Cost: \$20,000 **Estimated Life of Project:** 5 years

Expenditure Detail: Water Storage - Facility inspection

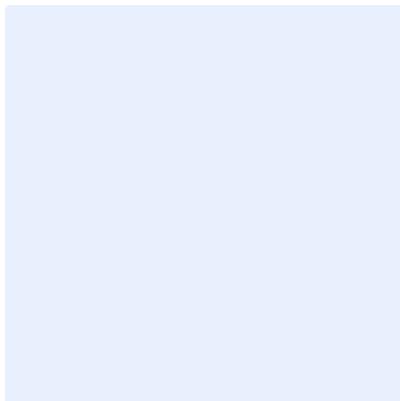
Year	2016	2017	2018	2019	2020
Budget	0T	0T	\$20,000	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Interior and exterior inspection of the water storage facility

Project Justification: The two million Gallon stand pipe on 43rd St. is required by Wisconsin DNR to have a visual tank inspection every 5 years. The last tank inspection in 2013 indicated the tank and coating system are in excellent condition. The tank was last painted in 2003. A new coating is not anticipated until 2023 unless the inspections of the storage facility indicate otherwise.

Project Picture / Map:



Project #: OT **Department:** Water Utility

Project Name: Meter Reading Equipment

Total Project Cost: \$23,000 **Estimated Life of Project:** 20 years

Expenditure Detail: Meter reading – Equipment replacement

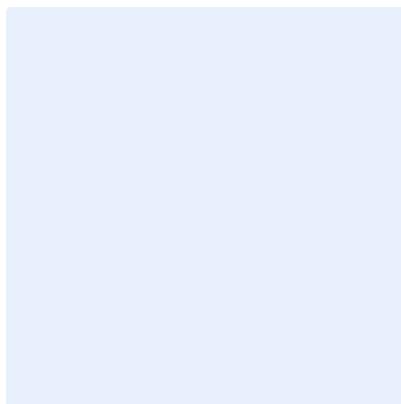
Year	2016	2017	2018	2019	2020
Budget	\$1,500	\$1,500	\$5,000	\$5,000	\$5,000

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.

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Water Storage Facility Inspection

Total Project Cost: \$20,000 **Estimated Life of Project:** 5 years

Expenditure Detail: Water Storage – Facility inspection

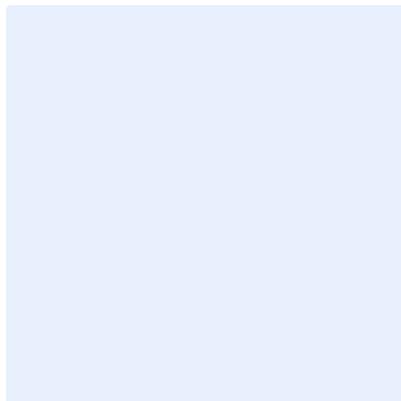
Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$20,000	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Interior and exterior inspection of the water storage facility

Project Justification: The two million gallon stand pipe on 43rd Street is required by Wisconsin DNR to have a visual tank inspection every 5 years. The last tank inspection in 2013 indicated the tank and coating system are in excellent condition. The tank was last painted in 2003. A new coating is not anticipated until 2023 unless the inspections of the storage facility indicate otherwise.

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Computers

Total Project Cost: \$7,500 **Estimated Life of Project:** 3-5 years

Expenditure Detail: Water - Equipment

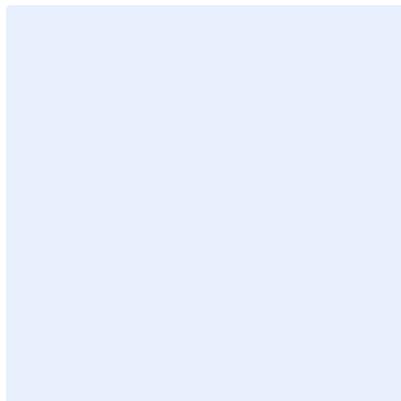
Year	2016	2017	2018	2019	2020
Budget	\$2,500	0T	\$2,500	0T	\$2,500

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Upgrade office computer equipment

Project Justification: The Utility has 4 computers in the office, 1 in the utility garage, and 1 for meter reading. Since computer software and operating systems are improved significantly on a cycle of about 3-5 years, regular replacement of computers should be budgeted in this plan. Office computers are budgeted \$2,500 every other year

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Dump Truck

Total Project Cost: \$3,000 annually **Estimated Life of Project:** 0T

Expenditure Detail: Water - Equipment

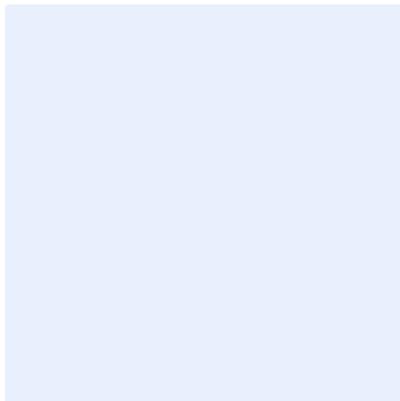
Year	2016	2017	2018	2019	2020
Budget	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Repairs to Utility dump truck

Project Justification: The 2002 Utility dump truck is used for water main, valve, service lateral, and hydrant repairs. Due to the age of the truck, significant maintenance will need to regularly be performed so the cost is shown in the capital budget

Project Picture / Map:



Project #: OT **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

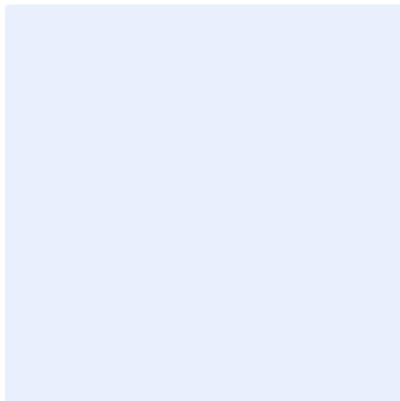
Year	2016	2017	2018	2019	2020
Budget	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000

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.

Project Picture / Map:



Project Description	Project Number	2019 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	Trusts & Donations	Fund Balance	Unfunded Requests
Available Funds			\$950,000	\$372,000			\$50,000	
Administration								
Human Resources Software		\$14,284		\$14,284				
Community Services								
Cracksealing		\$10,000	\$10,000					
Sidewalk Repair		\$50,000	\$50,000					
Re-Paving Program		\$300,000	\$300,000					
Web Based GIS		\$50,000						\$50,000
Sidewalk Connection Plan		\$150,000						\$150,000
Bike Trail Improvements		\$275,000						\$275,000
Boundary Signs		\$10,000						\$10,000
Sidewalk Repair		\$50,000						\$50,000
Police Department								
Body Worn Cameras		\$67,458		\$67,458				
Police Vehicles		\$95,000		\$95,000				
Computer Station Replacement		\$11,324		\$11,324				
TASER Enhancement Program		\$4,000		\$4,000				
Police Bicycle Unit		\$5,840						\$5,840
Celebrite		\$27,500						\$27,500
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$220,000	\$220,000					
Dispatch Center								
Annual contribution for capital		\$25,000	\$25,000					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Paperless Document Management		\$20,000						\$20,000
Library								
Express Self Service		\$111,200	\$111,200					
Automated Materials Handling (RFID)		\$85,000	\$85,000					
Security Camera Upgrade		\$15,000	\$15,000					
Furniture Replacement		\$9,000		\$9,000				
Patio Removal/remodel and landscaping		\$15,000						\$15,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
Air Compressor Replacement		\$35,000					\$35,000	
Tractor Replacement		\$42,000					\$42,000	
Bucket Truck Replacement		\$110,000		\$110,000				
MC Recycling Center Pavement		\$35,000	\$35,000					
MC Yard Pavement		\$90,000	\$90,000					
Beautification Projects		\$5,000		\$5,000				
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000		\$5,000				
Total								
		\$2,090,555	\$941,200	\$353,066	\$0	\$0	\$77,000	\$719,289
Balance								
			\$8,800	\$18,934			\$734	

Project Description	Project Number	2019 Total Project Cost	User Fees	Grants & Aids	Fund Balance	Debt
Sewer Projects						
Inflow/Infiltration Control	SAN/19/01	\$325,000	\$200,000			\$125,000
PPI&I	SAN/19/02	\$100,000		\$100,000		
Lateral Replacement (Coordinated Projects)	SAN/19/03	\$150,000		\$150,000		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000
StormWater Projects						
Ditch Rehabilitation Program	STM/19/01	\$200,000	\$200,000			
Brooklane Basin (Dean rd. to 47th)	STM/18/04	\$175,000				\$175,000
StormWater Total		\$375,000	\$200,000	\$0	\$0	\$175,000
Water Projects						
All Shop Tools/Equipment	WAT-001	\$4,000	\$4,000			
SCADA	WAT-002	\$4,000	\$4,000			
Main Relays	WAT-004	\$250,000				\$250,000
Coordinated projects	WAT-016	\$0				
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$5,000	\$5,000			
Dump truck repair	WAT-013	\$3,000	\$3,000			
Hydrants, Valve Services	WAT-015	\$30,000			\$30,000	
Water Total		\$301,000	\$21,000	\$0	\$30,000	\$250,000

Project #: 0T **Department:** ADMINISTRATIVE

Project Name: HUMAN RESOURCES

Total Project Cost: \$14,284 **Estimated Life of Project:** 10 YEARS

Expenditure Detail:

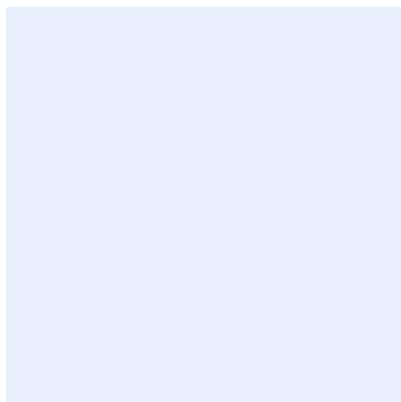
Year	2016	2017	2018	2019	2020
Budget		0T	0T	\$14,284	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Application Software to manage Human Resources.

Project Justification: The Human Resources application software can track employee information, continuing education credits, reviews, position history, and rate history as well as manage benefit plans. Reduces the amount of staff time and resources devoted to processing and storing paper applications. It has sophisticated position budgeting which utilizes historical and user-defined data, schedules pay-rate information, and data can be transferred to GL/Budgeting applications. There is ability to allow for “what-if” analysis for budgeting planning. Also allows employees to manage their benefit plans on-line reducing the drain on clerical resources. The program can track current employees, openings and applications by position. By utilizing the Human Resource application the Village could streamline job posting, employee application, hiring and employee tracking much more accurately and efficiently and it can be integrated with the budgeting component of the General Ledger application.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Cracksealing

Total Project Cost: \$50,000 **Estimated Life of Project:** 7 years

Expenditure Detail:

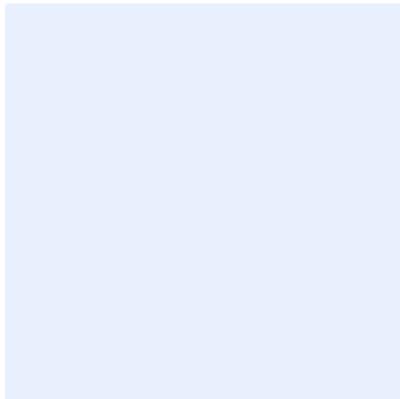
Year	2016	2017	2018	2019	2020
Budget	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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:



Project #: OT **Department:** CSD

Project Name: Sidewalk Repair/Maintenance

Total Project Cost: \$150,000 **Estimated Life of Project:** 35 years

Expenditure Detail:

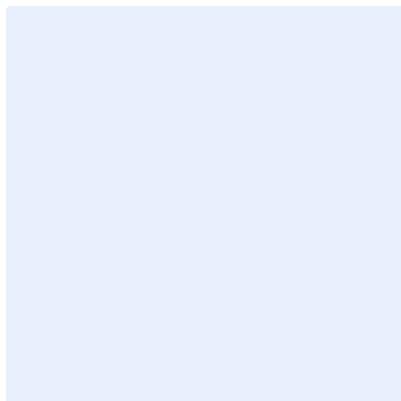
Year	2016	2017	2018	2019	2020
Budget	\$	\$50,000	\$	\$50,000	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This program contemplates a three year cycle to address outstanding maintenance issues in the sidewalk network of the Village. Some areas of concerns that would be addressed include sidewalk sections along N. 51st Street from Brown Deer Road to Green Brook Drive and areas of sidewalk along Dean Road from 60th to 65th Street. Other areas would be inventoried by DPW and targeted for spot replacement under an annual contract.

Project Justification: Many sidewalks and pathways in Brown Deer have areas of significant cracks, settling and deterioration. A regular maintenance schedule is required to keep them in good repair.

Project Picture / Map:



Project #: DPW/16-20/G **Department:** Public Works

Project Name: Re-Paving Program

Total Project Cost: \$300,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This Program addresses failing pavements that are primarily found on local residential streets and 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:



07/10/14

Project #: **Department:** POLICE/VILLAGE

Project Name: BODY WORN CAMERAS

Total Project Cost: \$67,458.00 **Estimated Life of Project:** FIVE YEARS

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T			\$67,458	

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Purchase 35 body worn cameras, accessories and the necessary data storage capabilities to support body cameras.

Project Justification: Body-worn cameras can help improve the high-quality public service expected of police officers and promote the perceived legitimacy and sense of procedural justice that communities have about their police departments. Furthermore, departments that are already deploying body-worn cameras have noted that the presence of cameras often improves the performance of officers as well as the conduct of the community members who are recorded. This is an important advance in policing. And when officers or members of the public break the law or behave badly, body-worn cameras can create a public record that allows the entire community to see what really happened. This project would allow every officer to have a body camera.

Project Picture / Map:



Project #: **Department:** POLICE

Project Name: VEHICLE REPLACEMENT

Total Project Cost: \$95,000.00 **Estimated Life of Project:** 2-5 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$130,000.00	\$90,000.00	\$135,000.00	\$95,000.000	\$140,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Police squad car replacement – two marked (one Chevrolet Tahoe, one Ford Police Interceptor SUV) one unmarked (Ford Police Interceptor SUV).

Project Justification: Replacement of the squads is part of the regular rotation due to mileage, use, technology and equipment updates and changes.

Project Picture / Map:



Project #: **Department:** POLICE

Project Name: COMPUTER STATION REPLACEMENT

Total Project Cost: \$11,324.00 **Estimated Life of Project:** 5 years each

Expenditure Detail:

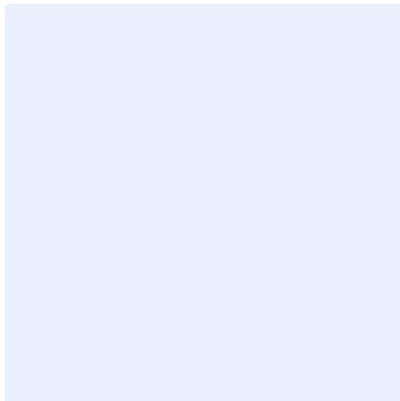
Year	2016	2017	2018	2019	2020
Budget	\$	\$10,270.00	\$10,785.00	\$11,324.00	\$11,890

Funding Sources: Levy Debt Grant Donations Fund Balance TIF FUNDS

Project Description: Computer station replacement (six regular users, one power user) – CPU’s, software, monitors, printers, keyboards, peripherals.

Project Justification: Computer station replacement is part of a 5 year rotation plan as recommended by our IT contractor (CC&N) due to service life, upgraded technology, no longer supported software/equipment, etc.

Project Picture / Map:



Project #: **Department:** POLICE/VILLAGE

Project Name: TASER ENHANCEMENT PROGRAM

Total Project Cost: \$4,000.00 **Estimated Life of Project:** 5 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$13,000.00	\$6,000.00	\$4,000.00	\$4,000.00	\$4,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Purchase 12 TASER Electronic Control Devices (ECD) and related equipment for use and training.

Project Justification: In 2015 we began a program to significantly enhance the police department’s less lethal force equipment. One of the primary goals of this program is to issue every officer on the department a TASER Electronic Control Device (ECD). With the purchase of these 10 devices, that goal will be complete. Along with the additional TASER ECD’s we will need the necessary related equipment such as holsters, batteries, probe cartridges (regular and training) and practice targets. The equipment update portion of this project will be an ongoing budget item.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

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

Project Name: Computer Replacement Program

Total Project Cost: \$7,000

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	7,000	7,000	6,000	7,000	7,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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. Also, computers at the DPW office are aging and need to go on a replacement schedule rather than receive used computers from other departments (i.e. police & library). Software upgrades are also necessary to stay up with industry standards (i.e. CAD, GIS, etc.). Computer upgrades are needed for the following positions Director, Ops Supervisor, Administrative Assistant, Sanitary Sewer Technician, Mechanic, and General: Use Station. One (1) computer would be replaced each year.

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. The life of a computer is approximately 5-years.

Project Picture / Map:



Project #: LIB/19/1 **Department:** Library

Project Name: Security camera system upgrade

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

Expenditure Detail:

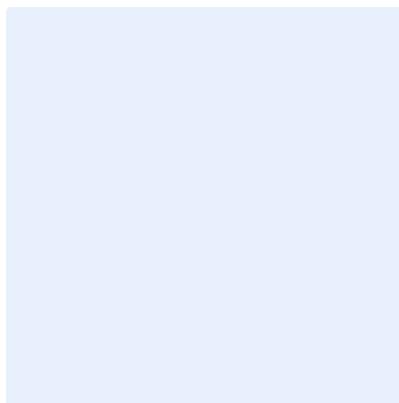
Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	\$15,000	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: To upgrade a 15 year old CCTV security camera system installed back in 2004 to IP cameras and DVR capture with a high-resolution imaging.

Project Justification: As staff levels shrink but user visits increase, security cameras are crucial to our efforts to maintain appropriate behavior after school as well as identify and address theft of library and patron materials. Per security experts, an expected lifespan of 15 years is generous and existing software/hardware could be discontinued by the manufacturer and distributor soon. IP system will utilize a computer network to transmit images at high speed, allow longer records retention due to smaller data size, and be cheaper to maintain. Safety is a community priority, and we're able to support this effort with an improved security camera system.

Project Picture / Map:



Project #: LIB/19/2 **Department:** Library

Project Name: Furniture replacement - Reading Room and Staff

Total Project Cost: \$9,000 **Estimated Life of Project:** 15 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	\$9,000	0T

Funding Sources: Levy Debt Grant Donations Fund Balance (installed 2004)

Project Description: Replace major furniture pieces in library reading room and staff areas including desks, tables and chairs.

Project Justification: The furniture in the reading room and some staff furniture is over 30 years old. Soft reading room seats were recovered in 2010. Most staff task seating has been replaced at occasional intervals as needed. However, an updated appearance with new and more compact furniture will bring new life to the dated-looking library interior in a cost-effective manner.

Project Picture / Map:



Project #: LIB/17/1 **Department:** Library

Project Name: Automated materials handling [RFID Phase 2]

Total Project Cost: \$85,000 **Estimated Life of Project:** 15 years-equipment, 30 years-furniture/fixtures

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	\$85,000	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This project will install an RFID enabled 3-bin automated materials handler (aka sorter/AMH) in the circulation area. Items returned by patrons will be automatically checked in and then sorted into large groupings [\$50,000]. This would include setup of temporary circulation area in reading room, construction of patron-side induction wall, installation/rerouting of data and electrical connections, reconfiguration of staff workroom and replacement of furniture/fixtures as needed, and relocation of Director’s office [\$35,000].

Project Justification: Extends the benefits of RFID express self-service technology to reduce staff labor and creates opportunities to increase library service without increasing staffing levels.

Project Picture / Map:



Project #: LIB/16/1 **Department:** Library

Project Name: Express self-service [RFID Phase 1]

Total Project Cost: \$111,200 **Estimated Life of Project:** 15 years-equipment, 30 years-furniture/fixtures

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	\$111,200	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This project will place an RFID tag in each of 80,000 items, code them in the library’s database, install hardware and software on staff computers that will manage the RFID information, install security gates that will secure the RFID tagged items, and install 2 RFID-enabled express self-service checkout/fine payment stations for patron use [\$76,200]. Relocate/add data and electrical cables and modify/purchase furniture and fixtures necessary for the new equipment [\$35,000].

Project Justification: Use patterns require that a minimum of two circulation staff be scheduled to cover the front desk for every open hour in order to handle immediate customer service needs without long waits. Library staff answers incoming phone calls, creates library cards, retrieves patron holds, takes fine/fee payments, answers questions and checks items in and out. Simply checking items out to customers fully occupies one of the staff’s time. RFID allows libraries to outsource to the customer the simple tasks of checkout, holds retrieval and fine payment in a user-friendly way. Reconfiguration and ergonomics improvements in staff work areas will increase staff efficiency considerably. Both projects can release high-cost staff to address higher-value in-demand tasks that cannot be outsourced, and make it possible to increase library service without increasing staffing levels.

Project Picture / Map:



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

Project Name: Bucket Truck Replacement

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

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$110,000	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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:



Project #: DPW/19/02 **Department:** Public Works

Project Name: Recycling Center Pavement Replacement

Total Project Cost: \$35,000 **Estimated Life of Project:** 20-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$35,000	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The project consists of the replacement of the existing asphalt pavement in the recycling center yard. The pavement has severe alligator cracking and is starting to fail. Several areas have already been patched due to failure. Asphalt has a design life of 20-years. The recycling center yard was last paved in 1997. The project will consist of pulverizing the existing pavement, re-grading, and re-paving. This project is proposed to be bid-out with the annual road re-paving program project.

Project Justification: A proper asphalt surface is needed to support the customer traffic using the center. The pavement section also needs to withstand the trucks and equipment servicing the center (i.e. dumpster collection, tub grinding, etc.).

Project Picture / Map:



Project #: DPW/18/03 **Department:** Public Works

Project Name: Air Compressor

Total Project Cost: \$35,000 **Estimated Life of Project:** 15-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$35,000	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: DPW is requesting a new air compressor to replace the existing air compressor due to age, rising maintenance costs, availability of parts, safety to public and workers.

Project Justification: The air compressor is a common piece of equipment used in the DPW shop for powering tools and use by the mechanic.

Project Picture / Map:



Project #: DPW/18/04 **Department:** Public Works

Project Name: Tractor Replacement

Total Project Cost: \$42,000 **Estimated Life of Project:** 15-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$42,000	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: DPW is requesting replacement of the existing John Deer tractor. The tractor is used in a variety of operations at DPW, mainly in the summer months, for grass cutting operations and hauling operations as part of culvert installations.

Project Justification: The tractor is used to rough cut the natural drainage ditch areas and adjacent to the bike path. The tractor is used in a variety of operations during the summer months but mainly for turf management.

Project Picture / Map:



Project #: DPW/19/03 **Department:** Public Works

Project Name: Yard Pavement Replacement

Total Project Cost: \$90,000 **Estimated Life of Project:** 20-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$90,000	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The project consists of the replacement of the existing asphalt pavement in the DPW yard. The pavement has severe alligator cracking and is starting to fail. Asphalt has a design life of 20-years. The DPW yard was last paved in 1997. The project will consist of pulverizing the existing pavement, re-grading, and re-paving. This project is proposed to be bid-out with the annual road re-paving program project.

Project Justification: A proper asphalt surface is needed to support the daily DPW operations. Several areas of the pavement have been previously patched. The pavement section also needs to withstand the trucks and equipment being parked and stored in the yard. Possible concrete pads in locations of static loading may be added in lieu of asphalt.

Project Picture / Map:



Project #: DPW/16-20/D **Department:** Public Works

Project Name: Beautification Projects

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

Expenditure Detail:

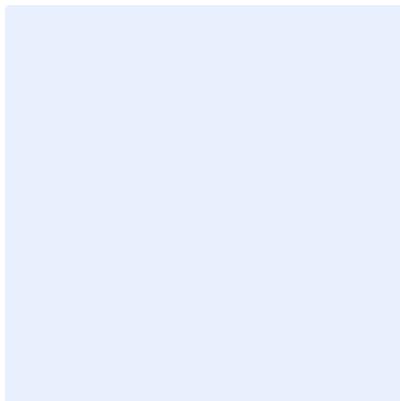
Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$5,000	\$5,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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:



Project #: STM/16-20/A **Department:** Public Works

Project Name: Ditch Rehab Program

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

Expenditure Detail:

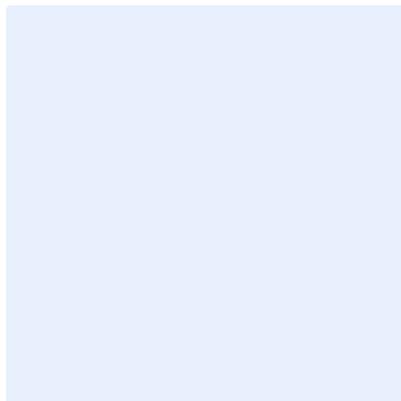
Year	2016	2017	2018	2019	2020
Budget	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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:



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

Project Name: Brooklane Basin Naturalization

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

Expenditure Detail:

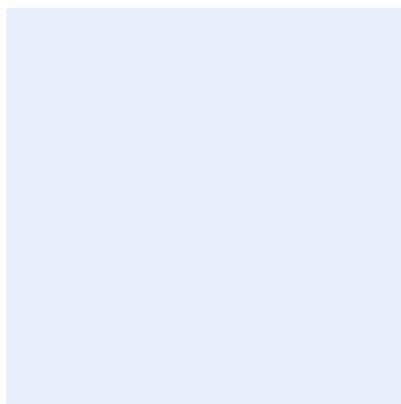
Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$25,000	\$175,000	\$

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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:



Project #: SAN/16-20/A **Department:** Public Works

Project Name: Inflow & Infiltration Control

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

Expenditure Detail:

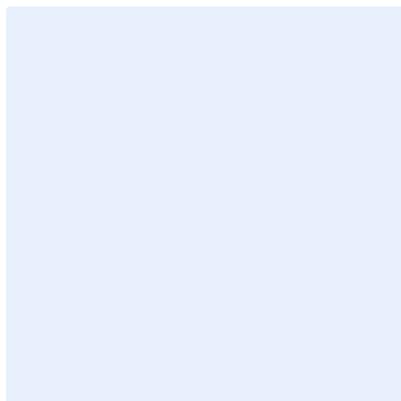
Year	2016	2017	2018	2019	2020
Budget	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 considerations, it is necessary to reduce 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:



Project #: SAN/16-20/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:

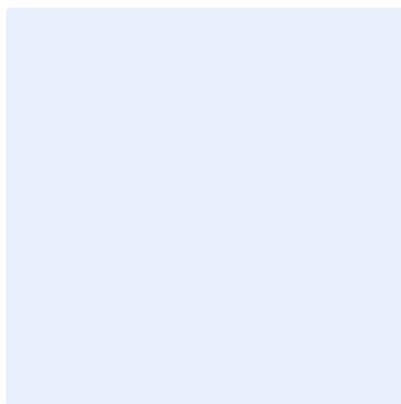
Year	2016	2017	2018	2019	2020
Budget	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 with details to be developed in late 2014 into 2015. 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 consideration, it is necessary to reduce 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:



Project #: SAN/16-20/C **Department:** Public Works

Project Name: Coordinated Project – Lateral Replacement

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

Expenditure Detail:

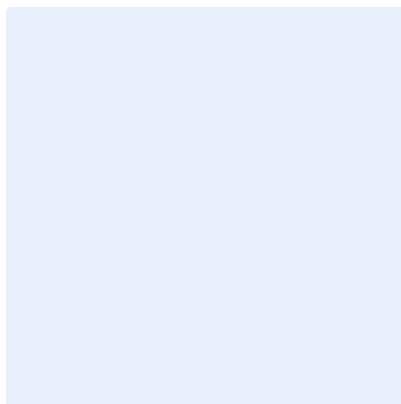
Year	2016	2017	2018	2019	2020
Budget	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 considerations, it is necessary to reduce 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:



Project #: OT **Department:** Water Utility

Project Name: All shop tools/equipment

Total Project Cost: \$4,000 annually **Estimated Life of Project:** OT

Expenditure Detail: Water Utility Equipment

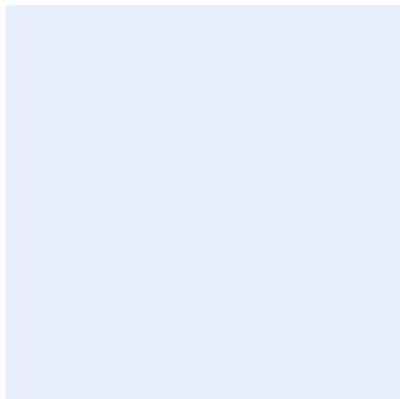
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual replacement of small equipment items as necessary

Project Justification: OT

Project Picture / Map:



Project #: OT **Department:** Water Utility

Project Name: Supervisory Control and Data Acquisition (SCADA)

Total Project Cost: \$4,000 annually **Estimated Life of Project:** OT

Expenditure Detail: Infrastructure Replacement

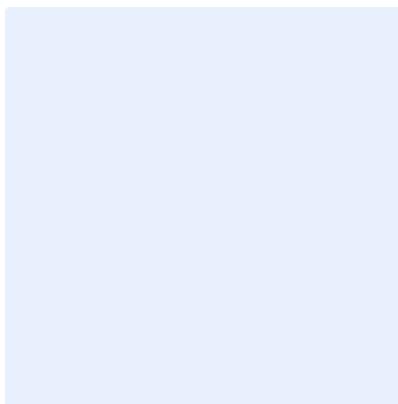
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual maintenance of SCADA equipment

Project Justification: SCADA system includes control equipment at each supply point, the standpipe, and at Village Hall. Radio communications are used to relay information from the remote sites to the control center in the Utility office. The system controls the operation of the water distribution system and chlorine booster station. SCADA system is equipment with an emergency dialer to contact Utility personnel if any alarms are triggered during system operation. If the SCADA system is not operating properly the tasks for supply flow, system pressure, and operational control must be performed manually around the clock. The SCADA system allows for unmanned operation during 2nd and 3rd shifts, therefore the SCADA system is a very cost effective tool to keep the system running and the operating costs to a minimum.

Project Picture / Map:



Project #: OT **Department:** Water Utility

Project Name: Water Main Relays

Total Project Cost: \$1,722,000 **Estimated Life of Project:** 30 years

Expenditure Detail: Water Main Infrastructure Replacement

Year	2016	2017	2018	2019	2020
Budget	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

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 \ Year	2016	2017	2018	2019	2020
Terry Ave.	\$75,000				
52 nd Street	\$120,000				
56 th Street	\$180,000				
51 st Street		\$252,000			
Teutonia Ave*		\$275,000			
Churchill			\$200,000		
54 th Street				\$150,000	
Goodrich				\$100,000	
50 th Street					\$150,000
61 st Street					\$220,000
Total	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

* Denotes project is not in conjunction with a street reconstruction project.

Project #: OT **Department:** Water Utility

Project Name: Booster Disinfection Station

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

Expenditure Detail: Equipment replacement

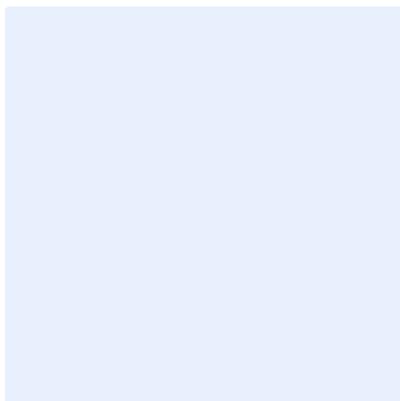
Year	2016	2017	2018	2019	2020
Budget	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

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:



Project #: OT **Department:** Water Utility

Project Name: Meter Reading Equipment

Total Project Cost: \$23,000 **Estimated Life of Project:** 20 years

Expenditure Detail: Meter reading – Equipment replacement

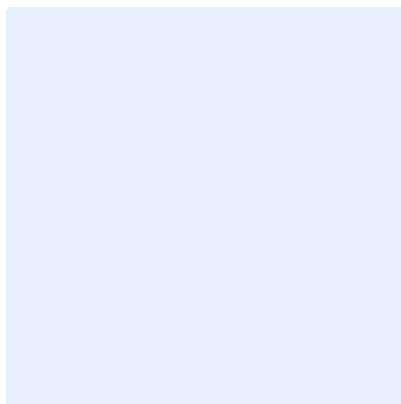
Year	2016	2017	2018	2019	2020
Budget	\$1,500	\$1,500	\$5,000	\$5,000	\$5,000

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.

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Dump Truck

Total Project Cost: \$3,000 annually **Estimated Life of Project:** 0T

Expenditure Detail: Water - Equipment

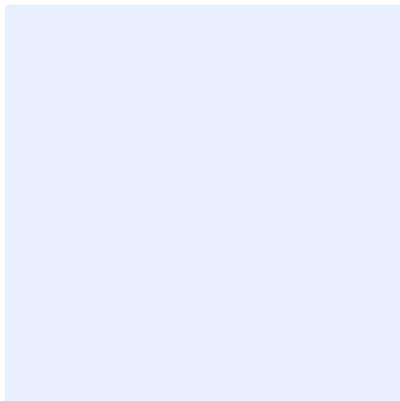
Year	2016	2017	2018	2019	2020
Budget	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Repairs to Utility dump truck

Project Justification: The 2002 Utility dump truck is used for water main, valve, service lateral, and hydrant repairs. Due to the age of the truck, significant maintenance will need to regularly be performed so the cost is shown in the capital budget

Project Picture / Map:



Project #: OT **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

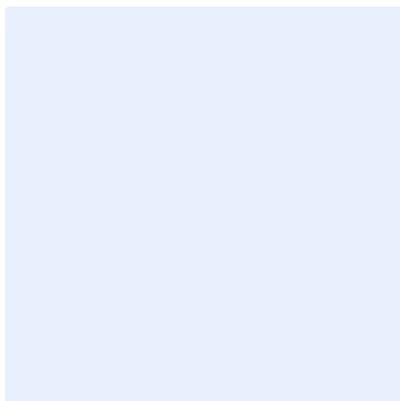
Year	2016	2017	2018	2019	2020
Budget	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000

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.

Project Picture / Map:



Project Description	Project Number	2020 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	Trusts & Donations	Fund Balance	Unfunded Requests
Available Funds			\$1,000,000	\$372,000			\$15,000	
Community Services								
Web Based GIS		\$50,000		\$50,000				
Sidewalk Connection Plan		\$150,000	\$150,000					
Bike Trail Improvements		\$275,000	\$275,000					
Cracksealing		\$10,000	\$10,000					
Re-Paving Program		\$300,000	\$300,000					
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Motorcycle Unit		\$52,629		\$52,629				
Police Vehicles		\$140,000		\$140,000				
Computer Station Replacement		\$11,890		\$11,890				
TASER Enhancement Program		\$4,000		\$4,000				
Police Bicycle Unit		\$5,840		\$5,840				
Celebrite		\$27,500		\$27,500				
Fire Department								
Annual contribution for capital		\$225,000	\$225,000					
Dispatch Center								
Annual contribution for capital		\$27,000	\$27,000					
Manager's Office								
Paperless Document Management		\$20,000						\$20,000
Computer replacement program		\$7,000		\$7,000				
Library								
Parking Lot Resurfacing		\$38,000	\$38,000					
Patio Removal/remodel and landscaping		\$15,000						\$15,000
Park and Recreation								
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
Roller Replacement		\$25,000		\$25,000				
Beautification Projects		\$5,000		\$5,000				
Emerald Ash Borer Treatment		\$25,000		\$25,000				
Village Identification Signs		\$5,000	\$5,000					
Total								
		\$1,485,579	\$1,030,000	\$353,859	\$0	\$0	\$0	\$101,720
Balance								
			(\$30,000)	\$18,141			\$3,141	

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		
Sewer Total		\$575,000	\$200,000	\$250,000	\$0	\$125,000

StormWater Projects

Ditch Rehabilitation Program	STM/19/01	\$200,000	\$200,000			
Topsoil Screener Replacement	STM/19/02	\$100,000	\$100,000			
StormWater Total		\$200,000	\$300,000	\$0	\$0	\$0

Water Projects

All Shop Tools/Equipment	WAT-001	\$4,000	\$4,000			
SCADA	WAT-002	\$4,000	\$4,000			
Main Relays	WAT-004	\$370,000			\$120,000	\$250,000
Coordinated projects	WAT-016	\$0				
Booster disinfection	WAT-005	\$5,000	\$5,000			
Water Meter Reading System Replacement	WAT-011	\$5,000	\$5,000			
Computers	WAT-012	\$2,500	\$2,500			
Dump truck repair	WAT-013	\$3,000	\$3,000			
Hydrants, Valve Services	WAT-015	\$30,000			\$30,000	
Water Total		\$423,500	\$23,500	\$0	\$150,000	\$250,000

Total Debt \$375,000

Project #: OT **Department:** CSD

Project Name: Web Based GIS

Total Project Cost: \$100,000 **Estimated Life of Project:** 10 years

Expenditure Detail:

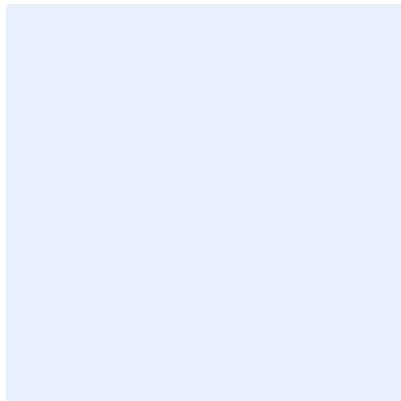
Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$	\$50,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The Village’s web based GIS map system is in the process of being updated. We are in the third phase of updates and are looking to add final utility information to help monitor municipal systems and assets. The budgeted amount in 2020 contemplates future maintenance and mapping additions for street trees and signs.

Project Justification: The Village’s GIS system is rounding into form. The new system provides great functionality and is only missing a few key utility details (i.e. water) to make it more complete and robust. By adding utilities it will allow maintenance personnel and much easier platform for keep inventory of the system.

Project Picture / Map:



Project #: 0T **Department:** CSD

Project Name: Sidewalk Connection Plan

Total Project Cost: \$150,000 **Estimated Life of Project:** 35 years

Expenditure Detail:

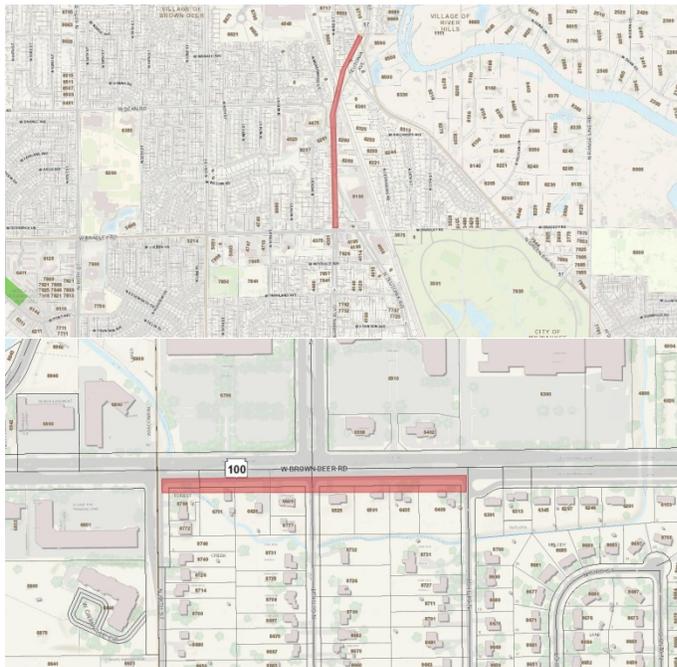
Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	0T	\$150,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This proposal would help to complete gaps in the existing pedestrian network by installing new sidewalk sections along major thoroughfares throughout the Village. Proposed sidewalk construction would take place along the south side of Brown Deer Road between 68th Street and 64th Street and 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.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Bike Trail Improvements

Total Project Cost: \$275,000 **Estimated Life of Project:** 30 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$	\$275,000

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Repair and replace the east/west extension of the bike trail from Village Park to N. Deerbrook Trail and add a section along N. 51st Street from Beaver Creek to W. Fairy Chasm where it could meet up with a trail segment planned for W. Fairy Chasm Road.

Project Justification: The current east/west extension is in very poor condition and needs repair while the addition of a section along N. 51st street would help provide connectivity and functionality for the existing Oak Leaf Trail route.

Project Picture / Map:



Project #: OT **Department:** CSD

Project Name: Cracksealing

Total Project Cost: \$50,000 **Estimated Life of Project:** 7 years

Expenditure Detail:

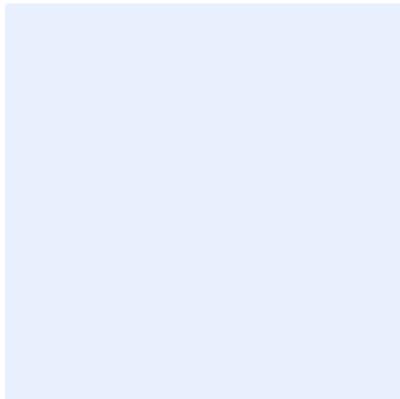
Year	2016	2017	2018	2019	2020
Budget	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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:



Project #: DPW/16-20/G **Department:** Public Works

Project Name: Re-Paving Program

Total Project Cost: \$300,000 **Estimated Life of Project:** 30-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: This Program addresses failing pavements that are primarily found on local residential streets and 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:



07/10/14

Project #: **Department:** POLICE

Project Name: POLICE MOTORCYCLE PROGRAM

Total Project Cost: \$52,629 **Estimated Life of Project:** 10 YEAR

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T				\$52,629

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Purchase of a new Harley – Davidson FLHTP police motorcycle, all equipment and motor officer training. Police motorcycles typically have a ten year operational life.

Project Justification: A major part of the Brown Deer Police Department’s policing strategy is community relations, visibility and crime prevention. The police motorcycle unit is a highly effective tool in traffic enforcement during high volume traffic periods and traffic escorts. The police motorcycle can also access areas a police squad car cannot (bike paths/trails, power line access roads) and has a stealthy approach to parking lots, subdivisions and crimes in progress. The police motorcycle unit would lead the Fourth of July parade, participate in the Night Out for Justice event and be used in any situation where the police department is able to interact with the public.

Project Picture / Map:



Project #: **Department:** POLICE

Project Name: VEHICLE REPLACEMENT

Total Project Cost: \$140,000.00 **Estimated Life of Project:** 2-5 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$130,000.00	\$90,000.00	\$135,000.00	\$95,000.000	\$140,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Police squad car replacement – two marked (one Chevrolet Tahoe, one Ford Police Interceptor SUV) one unmarked (Ford Police Interceptor SUV).

Project Justification: Replacement of the squads is part of the regular rotation due to mileage, use, technology and equipment updates and changes.

Project Picture / Map:



Project #: **Department:** POLICE

Project Name: COMPUTER STATION REPLACEMENT

Total Project Cost: \$11,890.00 **Estimated Life of Project:** 5 years each

Expenditure Detail:

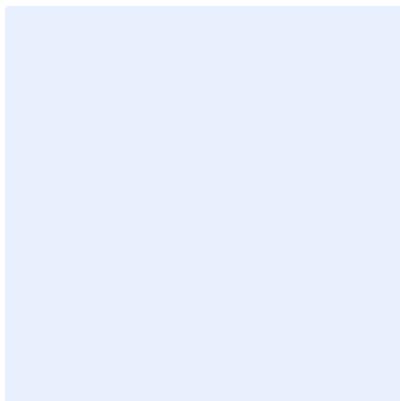
Year	2016	2017	2018	2019	2020
Budget	\$	\$10,270.00	\$10,785.00	\$11,324.00	\$11,890

Funding Sources: Levy Debt Grant Donations Fund Balance TIF FUNDS

Project Description: Computer station replacement (six regular users, one power user) – CPU’s, software, monitors, printers, keyboards, peripherals.

Project Justification: Computer station replacement is part of a 5 year rotation plan as recommended by our IT contractor (CC&N) due to service life, upgraded technology, no longer supported software/equipment, etc.

Project Picture / Map:



Project #: **Department:** POLICE/VILLAGE

Project Name: TASER ENHANCEMENT PROGRAM

Total Project Cost: \$4,000.00 **Estimated Life of Project:** 5 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$13,000.00	\$6,000.00	\$4,000.00	\$4,000.00	\$4,000.00

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Purchase 12 TASER Electronic Control Devices (ECD) and related equipment for use and training.

Project Justification: In 2015 we began a program to significantly enhance the police department’s less lethal force equipment. One of the primary goals of this program is to issue every officer on the department a TASER Electronic Control Device (ECD). With the purchase of these 10 devices, that goal will be complete. Along with the additional TASER ECD’s we will need the necessary related equipment such as holsters, batteries, probe cartridges (regular and training) and practice targets. The equipment update portion of this project will be an ongoing budget item.

Project Picture / Map:



Project #: **Department:** POLICE/VILLAGE

Project Name: POLICE BICYCLE PATROL UNIT

Total Project Cost: \$5,840.00 **Estimated Life of Project:** TEN YEARS

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T				\$5,840

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: Establish a police bicycle patrol unit by purchasing two patrol bicycles and related equipment and training.

Project Justification: The benefits of a bicycle patrol unit include allowing officers on bicycles to move quickly, quietly and safely in highly congested areas and in areas not accessible to other police vehicles. The Village of Brown Deer has a recreational trail that traverses the village and would be safely patrolled by a bicycle. The bicycle program would also be a very visible public relations tool and allow officers to be very approachable by citizens, especially children. Police cyclists lead by example in promoting helmet use, bike safety and a healthy active lifestyle to the community and its children.

Project Picture / Map:



Project #: **Department:** POLICE/VILLAGE

Project Name: Celebrite UFED- Evidentiary Cell Phone Records Creator

Total Project Cost: \$27,500 **Estimated Life of Project:** 5 years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T				\$27,500

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Fund

Project Description: The UFED Touch Ultimate is a Universal Forensic Extraction Device (UFED) and Cloud Analyzer. The device allows for in depth decoding, analysis and reporting of electronic device content. The device allows for content extraction (commonly referred to as a “dump”) of numerous electronic devices including mobile phones, portable GPS devices and tablets. The cloud analyzer links social media applications together creating a clearer picture of the user’s activities.

Project Justification: Mobile electronic devices are portable, multi-functional and can be used for anything from phone calls, emails, text messages, internet research/browsing, photography, calendar scheduling, GPS, and other applications. With each technological advance, mobile electronic devices have greater capabilities and can be used for more things. Each of these mobile electronic devices store large amounts of historical data related to these functions and applications.

Just as the general public utilizes these mobile electronic devices, so to do the criminal targets that we investigate. Thus, these devices are becoming increasingly important parts of criminal investigations. Often times, criminal targets are found to have either possessed or used mobile electronic devices before, during or after the commission of their crimes. Because of this, the historical data from the mobile electronic devices can contain valuable information and could be a major investigative tool. The historical data could be evidence that would assist in the target’s arrest and prosecution

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

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

Project Name: Computer Replacement Program

Total Project Cost: \$7,000

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	7,000	7,000	6,000	7,000	7,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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. Also, computers at the DPW office are aging and need to go on a replacement schedule rather than receive used computers from other departments (i.e. police & library). Software upgrades are also necessary to stay up with industry standards (i.e. CAD, GIS, etc.). Computer upgrades are needed for the following positions Director, Ops Supervisor, Administrative Assistant, Sanitary Sewer Technician, Mechanic, and General: Use Station. One (1) computer would be replaced each year.

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. The life of a computer is approximately 5-years.

Project Picture / Map:



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

Project Name: Parking lot resurfacing and light pole refinishing

Total Project Cost: \$38,000 **Estimated Life of Project:** 18-20 years

Expenditure Detail:

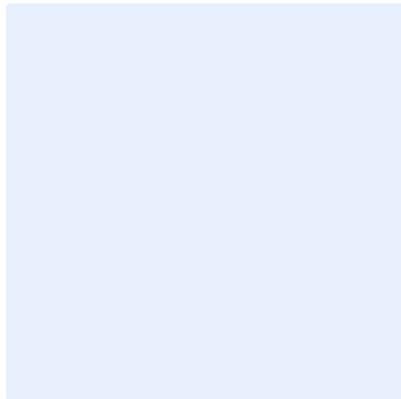
Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	0T	\$38,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Repave/resurface and restripe library parking lot, refinish parking lot light poles, replace parking lot light lenses.

Project Justification: Parking lot was last resurfaced/repaved in 2003 and will require repair. Parking lot lights were installed in 1992. Metal finish has worn and flaked, and lenses have become cracked or discolored.

Project Picture / Map:



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

Project Name: Roller (1-Ton) Replacement

Total Project Cost: \$25,000 **Estimated Life of Project:** 15-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$	\$25,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: DPW is requesting the purchase of a new 1-ton vibratory roller to replace the existing unit due to age, rising maintenance costs, availability of parts, safety to public and driver. The vibratory roller is used for asphalt patching operations.

Project Justification: The roller allows small hot-mix asphalt patching to be performed internally by DPW staff rather than contracting the services out. The roller is also used in shouldering operations after roadways are re-paved.

Project Picture / Map:



Project #: DPW/16-20/D **Department:** Public Works

Project Name: Beautification Projects

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

Expenditure Detail:

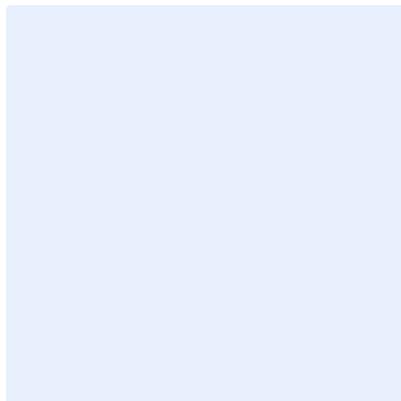
Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$5,000	\$5,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

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:



Project #: DPW/16-20/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	2016	2017	2018	2019	2020
Budget	\$20,000	\$25,000	\$25,000	\$25,000	\$25,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

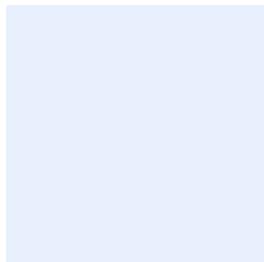
Project Description: Emerald Ash Borer (EAB) has been detected and is present within the Village. In order to preserve the existing ash tree canopy DPW will be administering trunk injected chemical treatments throughout the Village’s ash tree population. The chemical treatments are administered on a 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.

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:



Project #: DPW/16-20/F **Department:** Public Works

Project Name: Village Identification Signs (street name signs)

Total Project Cost: \$5,000 **Estimated Life of Project:** 12-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$5,000	\$	\$5,000	\$5,000	\$5,000

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Replacement of Village street name signs due to age and non-compliance with the latest Manual of Uniform Traffic Control Devices (MUTCD). This is a multi-year project. In the early 1990's the Village replaced the street name signs throughout the Village. The new MUTCD has revised the standards for street name signs and retro-reflectivity. The Village is required to have a plan to meet the new requirements by 2018. The existing signs are showing cracking and no longer meet the retro-reflectivity requirements due to age. In 2012 a new sign design was selected and the Department will use the design for ongoing maintenance replacements until 2016. It is anticipated that a major replacement program will start in 2016 and extend through 2020.

Project Justification: MUTCD requirement.

Project Picture / Map:



Project #: STM/16-20/A **Department:** Public Works

Project Name: Ditch Rehab Program

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

Expenditure Detail:

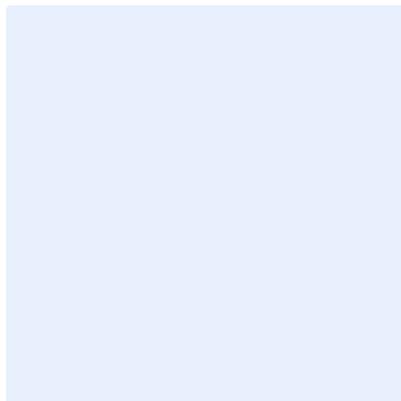
Year	2016	2017	2018	2019	2020
Budget	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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:



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

Project Name: Topsoil Screener Replacement

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

Expenditure Detail:

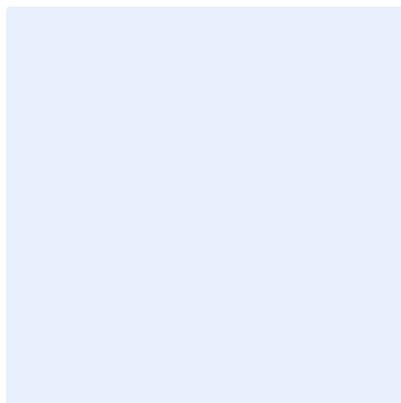
Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$	\$100,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 14 years in 2020. 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:



Project #: SAN/16-20/A **Department:** Public Works

Project Name: Inflow & Infiltration Control

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

Expenditure Detail:

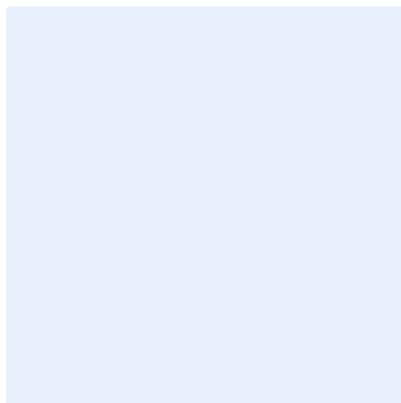
Year	2016	2017	2018	2019	2020
Budget	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 considerations, it is necessary to reduce 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:



Project #: SAN/16-20/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:

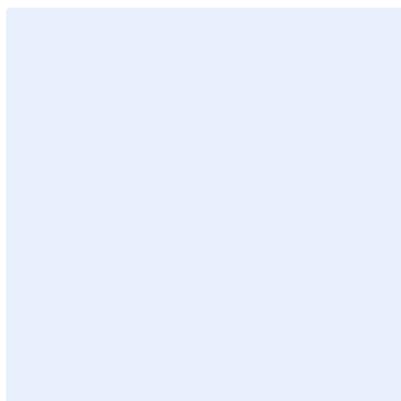
Year	2016	2017	2018	2019	2020
Budget	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 with details to be developed in late 2014 into 2015. 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 considerations, it is necessary to reduce 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:



Project #: SAN/16-20/C **Department:** Public Works

Project Name: Coordinated Project – Lateral Replacement

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

Expenditure Detail:

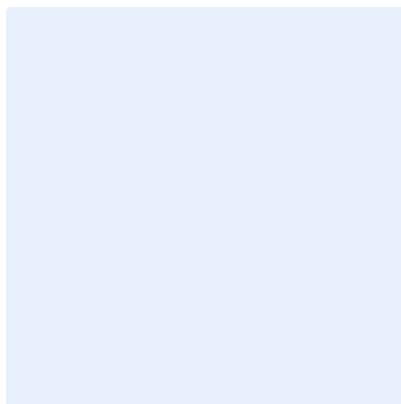
Year	2016	2017	2018	2019	2020
Budget	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

Funding Sources: Levy Debt Grant Donations Fund Balance User Fees

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 considerations, it is necessary to reduce 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:



Project #: OT **Department:** Water Utility

Project Name: All shop tools/equipment

Total Project Cost: \$4,000 annually **Estimated Life of Project:** OT

Expenditure Detail: Water Utility Equipment

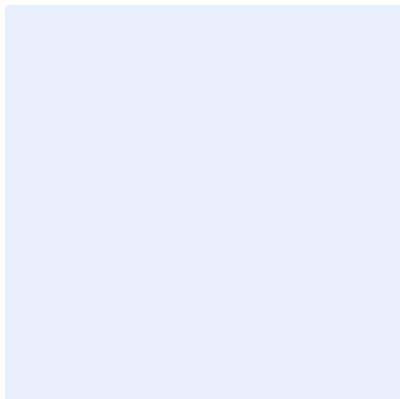
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual replacement of small equipment items as necessary

Project Justification: OT

Project Picture / Map:



Project #: OT **Department:** Water Utility

Project Name: Supervisory Control and Data Acquisition (SCADA)

Total Project Cost: \$4,000 annually **Estimated Life of Project:** OT

Expenditure Detail: Infrastructure Replacement

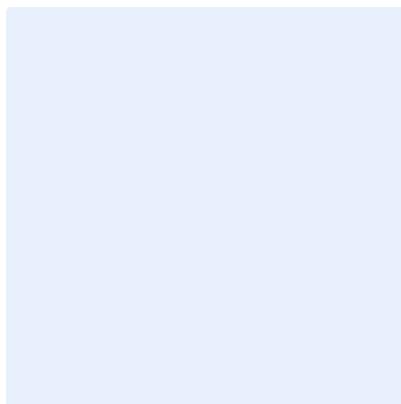
Year	2016	2017	2018	2019	2020
Budget	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Annual maintenance of SCADA equipment

Project Justification: SCADA system includes control equipment at each supply point, the standpipe, and at Village Hall. Radio communications are used to relay information from the remote sites to the control center in the Utility office. The system controls the operation of the water distribution system and chlorine booster station. SCADA system is equipment with an emergency dialer to contact Utility personnel if any alarms are triggered during system operation. If the SCADA system is not operating properly the tasks for supply flow, system pressure, and operational control must be performed manually around the clock. The SCADA system allows for unmanned operation during 2nd and 3rd shifts, therefore the SCADA system is a very cost effective tool to keep the system running and the operating costs to a minimum.

Project Picture / Map:



Project #: OT **Department:** Water Utility

Project Name: Water Main Relays

Total Project Cost: \$1,722,000 **Estimated Life of Project:** 30 years

Expenditure Detail: Water Main Infrastructure Replacement

Year	2016	2017	2018	2019	2020
Budget	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

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 \ Year	2016	2017	2018	2019	2020
Terry Ave.	\$75,000				
52 nd Street	\$120,000				
56 th Street	\$180,000				
51 st Street		\$252,000			
Teutonia Ave*		\$275,000			
Churchill			\$200,000		
54 th Street				\$150,000	
Goodrich				\$100,000	
50 th Street					\$150,000
61 st Street					\$220,000
Total	\$375,000	\$527,000	\$200,000	\$250,000	\$370,000

* Denotes project is not in conjunction with a street reconstruction project.

Project #: OT **Department:** Water Utility

Project Name: Booster Disinfection Station

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

Expenditure Detail: Equipment replacement

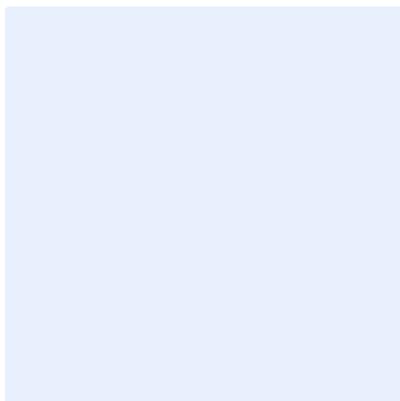
Year	2016	2017	2018	2019	2020
Budget	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

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:



Project #: OT **Department:** Water Utility

Project Name: Meter Reading Equipment

Total Project Cost: \$23,000 **Estimated Life of Project:** 20 years

Expenditure Detail: Meter reading – Equipment replacement

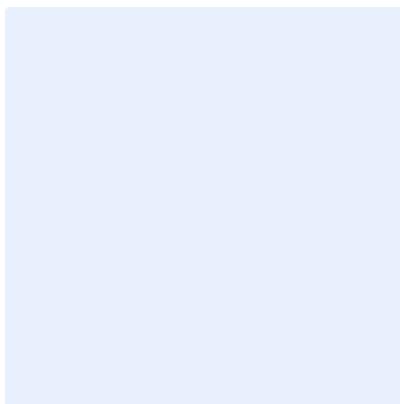
Year	2016	2017	2018	2019	2020
Budget	\$1,500	\$1,500	\$5,000	\$5,000	\$5,000

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.

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Computers

Total Project Cost: \$7,500 **Estimated Life of Project:** 3-5 years

Expenditure Detail: Water - Equipment

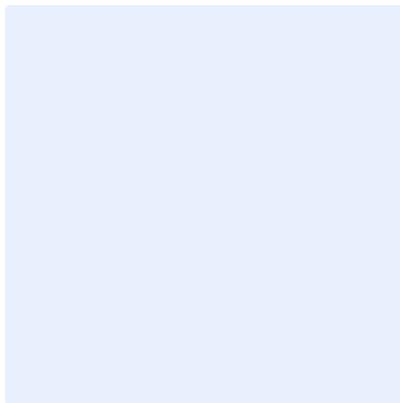
Year	2016	2017	2018	2019	2020
Budget	\$2,500	0T	\$2,500	0T	\$2,500

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Upgrade office computer equipment

Project Justification: The Utility has 4 computers in the office, 1 in the utility garage, and 1 for meter reading. Since computer software and operating systems are improved significantly on a cycle of about 3-5 years, regular replacement of computers should be budgeted in this plan. Office computers are budgeted \$2,500 every other year

Project Picture / Map:



Project #: 0T **Department:** Water Utility

Project Name: Dump Truck

Total Project Cost: \$3,000 annually **Estimated Life of Project:** 0T

Expenditure Detail: Water - Equipment

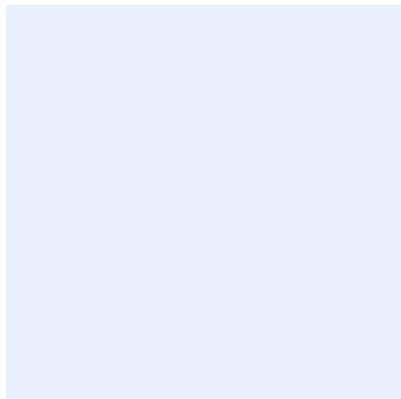
Year	2016	2017	2018	2019	2020
Budget	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000

Funding Sources: Levy Debt Grant Donations Fund Balance Utility Revenue

Project Description: Repairs to Utility dump truck

Project Justification: The 2002 Utility dump truck is used for water main, valve, service lateral, and hydrant repairs. Due to the age of the truck, significant maintenance will need to regularly be performed so the cost is shown in the capital budget

Project Picture / Map:



Project #: OT **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

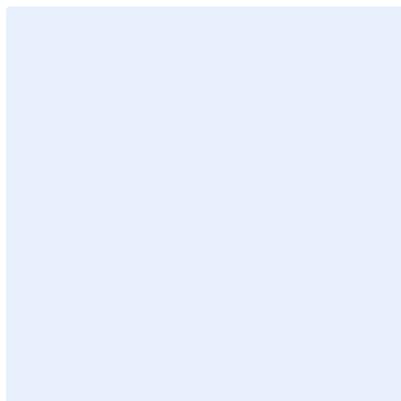
Year	2016	2017	2018	2019	2020
Budget	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000

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.

Project Picture / Map:



Village of Brown Deer EXAMPLE FINANCING PLAN

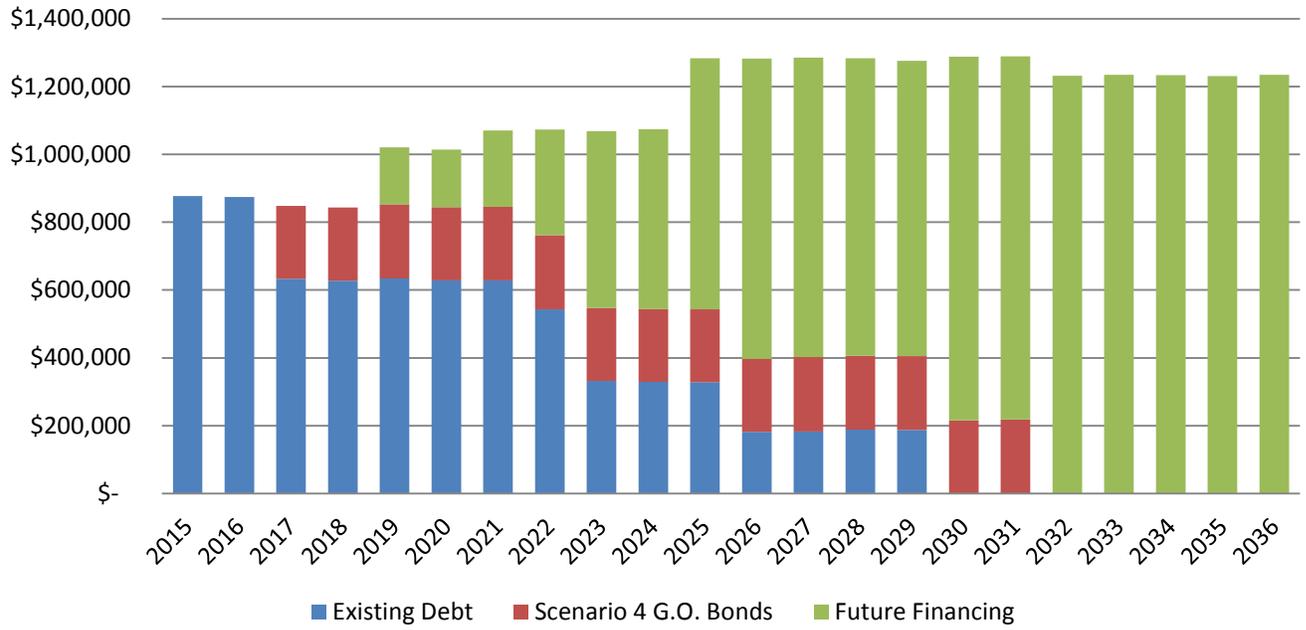
PRELIMINARY									
\$2,625,000									
G.O. BONDS									
<i>Dated October 1, 2016</i>									
<i>(First interest 4/1/17)</i>									
LEVY YEAR	YEAR DUE	EXISTING DEBT SERVICE	PRINCIPAL (4/1)	INTEREST (4/1 & 10/1)	TOTAL	FUTURE FINANCINGS (A)	COMBINED DEBT SERVICE	YEAR DUE	
				<i>TIC=</i>					
				<i>2.93%</i>					
2014	2015	\$877,146					\$877,146	2015	
2015	2016	\$873,876					\$873,876	2016	
2016	2017	\$633,618	\$145,000	\$69,340	\$214,340	\$0	\$847,958	2017	
2017	2018	\$624,402	\$150,000	\$66,390	\$216,390	\$220,847	\$1,061,639	2018	
2018	2019	\$634,577	\$155,000	\$63,340	\$218,340	\$291,765	\$1,144,682	2019	
2019	2020	\$628,876	\$155,000	\$60,240	\$215,240	\$440,502	\$1,284,618	2020	
2020	2021	\$628,103	\$160,000	\$57,090	\$217,090	\$582,063	\$1,427,255	2021	
2021	2022	\$543,402	\$165,000	\$53,428	\$218,428	\$698,483	\$1,460,312	2022	
2022	2023	\$332,434	\$165,000	\$49,303	\$214,303	\$920,781	\$1,467,518	2023	
2023	2024	\$329,298	\$170,000	\$44,903	\$214,903	\$1,022,371	\$1,566,571	2024	
2024	2025	\$328,570	\$175,000	\$39,940	\$214,940	\$1,043,088	\$1,586,598	2025	
2025	2026	\$182,263	\$180,000	\$34,615	\$214,615	\$1,185,533	\$1,582,411	2026	
2026	2027	\$183,075	\$190,000	\$29,065	\$219,065	\$1,191,538	\$1,593,678	2027	
2027	2028	\$188,250	\$195,000	\$23,290	\$218,290	\$1,181,871	\$1,588,411	2028	
2028	2029	\$187,775	\$200,000	\$17,115	\$217,115	\$1,188,200	\$1,593,090	2029	
2029	2030		\$205,000	\$10,534	\$215,534	\$1,375,608	\$1,591,142	2030	
2030	2031		\$215,000	\$3,601	\$218,601	\$1,370,844	\$1,589,445	2031	
2031	2032					\$1,581,752	\$1,581,752	2032	
2032	2033					\$1,520,813	\$1,520,813	2033	
2033	2034					\$1,313,183	\$1,313,183	2034	
2034	2035					\$1,290,044	\$1,290,044	2035	
2035	2036					\$1,252,046	\$1,252,046	2036	
		\$7,175,665	\$2,625,000	\$622,193	\$3,247,193	\$19,671,330	\$30,094,188		

(A) Represents debt service on a \$2,625,000 15 year borrowing in 2017 at 3.25% followed by \$2,300,000 15 year borrowing in 2018 and 2019 at 3.25% and \$2,000,000 borrowings every two years at 3.25% beginning in 2021. Rates are subject to change. This information is provided for information purposes only. It does not recommend any future issuances and should not be regarded as advice.

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DEBT SERVICE GRAPH

\$2.625mm Borrowings



**Village of Brown Deer
Sewer Long Range Plan
Rate analysis - Increase in years opposite from Stormwater**

	Actual 2012	Actual 2013	Actual 2014	Proposed Budget 2015	2016	2017	2018	2019	2020
Projected Reserves	\$ 202,210	\$ 413,313	\$ 527,836	\$ 549,225	\$ 511,662	\$ 482,078	\$ 419,548	\$ 405,300	\$ 381,780
Connection Fees	0	184,936	212,367	212,150	224,865	224,865	238,318	238,318	252,659
Village User fees	497,352	466,244	543,543	487,834	518,323	518,323	579,302	579,302	609,792
Other Revenues (excludes MMSD charges)	29,124	29,076	119,983	121,183	122,395	123,619	124,855	126,103	127,364
Debt Proceeds	305,000	-	175,000	305,000	290,000	290,000	290,000	290,000	290,000
Expenses (excluding depreciation & MMSD)	(433,345)	(199,406)	(561,134)	(572,357)	(583,804)	(595,480)	(607,389)	(619,537)	(631,928)
Capital purchases, net of grants	(61,854)	(38,517)	(122,972)	(195,000)	(195,000)	(195,000)	(195,000)	(195,000)	(195,000)
Debt Service Payments	(125,174)	(142,874)	(133,030)	(184,223)	(181,498)	(203,992)	(206,016)	(204,388)	(206,087)
Net change in "cash"	211,103	114,523	21,390	(37,563)	(29,584)	(62,530)	(14,248)	(23,520)	(5,859)
Ending reserve position	<u>\$ 413,313</u>	<u>\$ 527,836</u>	<u>\$ 549,225</u>	<u>\$ 511,662</u>	<u>\$ 482,078</u>	<u>\$ 419,548</u>	<u>\$ 405,300</u>	<u>\$ 381,780</u>	<u>\$ 375,921</u>
Recommended reserves:									
Operations	\$ 49,852	\$ 140,284	\$ 143,089	\$ 145,951	\$ 148,870	\$ 151,847	\$ 154,884	\$ 157,982	\$ 161,142
Debt Service	142,874	133,030	184,223	181,498	203,992	206,016	204,388	206,087	205,575
Total recommended reserves	<u>192,726</u>	<u>273,314</u>	<u>327,312</u>	<u>327,449</u>	<u>352,862</u>	<u>357,863</u>	<u>359,272</u>	<u>364,069</u>	<u>366,717</u>
Shortage from recommended reserves	<u>\$ 220,587</u>	<u>\$ 254,522</u>	<u>\$ 221,913</u>	<u>\$ 184,213</u>	<u>\$ 129,216</u>	<u>\$ 61,685</u>	<u>\$ 46,027</u>	<u>\$ 17,711</u>	<u>\$ 9,205</u>
Volumetric rates on 76,224			487,834	487,834	518,323	518,323	579,302	579,302	609,792
Connection fee			212,150	212,150	224,865	224,865	238,318	238,318	252,659

**Village of Brown Deer
Storm Water Long Range Plan
Rate analysis - Increase in years opposite from Sanitary Sewer**

	Actual 2012	Actual 2013	2014	Proposed Budget 2015	2016	2017	2018	2019	2020
Projected Reserves	\$ 693,542	\$ 647,524	\$ 510,377	\$ 872,012	\$ 1,067,765	\$ 1,244,804	\$ 1,609,520	\$ 1,966,768	\$ 2,378,898
Revenues	\$ 883,665	\$ 1,002,088	\$ 927,408	\$ 980,088	\$ 980,088	\$ 1,038,893	\$ 1,038,893	\$ 1,101,227	\$ 1,101,227
Debt Proceeds	-	-	485,000	1,500,000	50,000	200,000	200,000	200,000	200,000
Expenses (excluding depreciation)	(373,409)	(398,153)	(382,287)	(389,932)	(397,731)	(405,686)	(413,799)	(422,075)	(430,517)
Capital purchases, net of grants	(191,008)	(375,421)	(230,211)	(1,500,000)	(50,000)	(200,000)	(200,000)	(200,000)	(200,000)
Debt Service Payments	(365,266)	(365,661)	(438,276)	(394,402)	(405,318)	(268,491)	(267,846)	(267,021)	-
Net change in "cash"	(46,018)	(137,147)	361,635	195,753	177,039	364,716	357,248	412,130	670,710
Ending reserve position	\$ 647,524	\$ 510,377	\$ 872,012	\$ 1,067,765	\$ 1,244,804	\$ 1,609,520	\$ 1,966,768	\$ 2,378,898	\$ 3,049,608
Recommended reserves:									
Operations	\$ 99,538	\$ 95,572	\$ 97,483	\$ 99,433	\$ 101,421	\$ 103,450	\$ 105,519	\$ 107,629	\$ 109,782
Subsequent Year's Debt Service	365,661	424,668	394,402	405,318	268,491	267,846	267,021	270,907	268,889
Total recommended reserves	465,199	520,240	491,885	504,751	369,912	371,296	372,540	378,536	378,671
Estimated ERU's	8,145								
ERU rate per year	106.08	106.08	106.08	120.33	120.33	127.55	127.55	135.20	135.20
Recommended Rate Increase - Annual Basis per ERU	-	-	-	14.25	-	7.22		7.65	-
% Change	0.00%	0.00%	0.00%	13.43%	0.00%	6.00%	0.00%	6.00%	0.00%

SUBJECT: CAPITALIZED FIXED ASSET POLICY

General: To establish a general policy for Capitalized Fixed Assets including standards for valuation of assets with a useful life greater than one-year.

Objectives:

- A. The Village's Record of Capital Assets shall include general fixed assets, i.e., non-infrastructure assets. Infrastructure assets are assets that are immovable and of value only to the Village government, e.g., buildings, sewers, and streets. As a general rule, "capitalized" items maintained within the Village's Record of Capital Assets shall have an expected useful life greater than one year and a purchase, donated or assessed value equal to or greater than \$5,000. For computer equipment, initial operating software shall be included but subsequent operating software and application software shall be excluded.
- B. Generally, repairs will not qualify for changing the initial capitalized value. Only major replacements of components and/or additions, which significantly change the initial capitalized value or significantly extend the expected useful life of any capitalized item shall be considered in order to substantiate any subsequent year value change of an asset maintained within the Village's Record of Capital Assets.
- C. **Asset Valuation**

Departments shall record long-term assets at historic cost or, if the cost is not readily determined, at estimated historic cost. Cost shall include applicable ancillary costs. All costs shall be documented, including methods and sources used to establish any estimated costs.

 1. **Purchased Assets** – the recording of purchased assets shall be made on the basis of actual costs, including all ancillary costs, based on vendor invoice or other supporting documentation.
 2. **Salvage Value** – the recording of purchased assets that are expected to be sold at retirement should be recorded with the historical estimated sale value if in excess of \$5,000.00. If sale value is less than \$5,000.00, normal depreciation for the useful life will be used.
 3. **Self-Constructed Assets** – All direct costs (including labor) associated with the construction project shall be included in establishing a self-constructed asset valuation. If a department is unable to specifically identify all direct costs an estimate of the direct cost is acceptable, but must be supported by a reasonable methodology.
 4. **Donated Assets** – Fixed assets acquired by gift, donation or payment of a nominal sum not reflective of the asset's market value shall be assigned cost equal to the fair market value at the time of acquisition.
 5. **Leased Property** - Capital lease property should be recorded as an asset and depreciated as though it had been purchased.
 6. **Dedicated Assets** – Required installation by Developer of public improvements, including but not limited to sanitary service mains, manholes, laterals and all appurtenances, water mains, laterals, hydrants, valves and all appurtenances, storm sewers, storm water management measures, streets, curb and gutter, street lights, street signs, sidewalks will be dedicated to the Village upon completion. Recording of infrastructure assets will be made on

the basis of actual costs, including all ancillary costs, based on vendor invoice or other supporting documentation provided by the Developer.

This policy will be reviewed by the Finance/Public Works Committee every three years following adoption or sooner at the discretion of the Village Board.

<u>Fixed Asset Category</u>	<u>Illustrative Items and Capitalization Threshold</u>
Furniture	Chairs, tables, bookcases, file cabinets or other furniture items, which individually cost \$5,000 or more with an expected useful life greater than one year.
Office Equipment	Postage machine and copiers or other office equipment items that individually cost \$5,000 or more with an expected useful life greater than one year.
Computers and associated equipment	Large computers, personal computers (PCs), printers, copiers that individually cost \$5,000 or more with an expected useful life greater than one year.
Specialized Public Safety Equipment	Certain communications equipment that individually cost \$5,000 or more with an expected useful life greater than one year.
Infrastructure	Streets curb & gutter, public right-of-way, street light systems, bridges, storm sewers, sewer laterals, culverts, and water mains that individually cost \$25,000 or more with an expected useful life greater than one year.
Building and Improvements	Permanent Structures, building mechanical equipment, parking lots and lighting that individually cost \$5,000 or more with an expected useful life greater than one year.
Library Collection	Books, CD's, DVD's, VHS tapes, Periodicals with an expected useful life greater than one year.
Motorized road equipment, i.e. cars, trucks, or ambulances	All permanent or semi-permanent attachments shall be included, e.g., snow plows, salt spreaders, etc.
Motorized non-road equipment, e.g., ditch diggers, air compressors	All equipment that individually cost \$5,000 or more with an expected useful life greater than one year.
Other non-motorized equipment not attached to or associated with motorized equipment	All equipment that individually cost \$5,000 or more with an expected useful life greater than one year.

SUBJECT: DEBT MANAGEMENT POLICY

General: The Village acknowledges that certain costs incurred on an annual basis reflect an investment in the future of the Village. These types of costs include development, acquisition, and replacement of assets that will be used by the residents of the Village over a long period of time. Financing of these long-term assets is often appropriately accomplished through the issuance of long-term debt instruments, special assessments, or any other combination of these.

It is the responsibility of the Village Board and Village administrative staff to monitor the financial health of the Village. A significant portion of the Village's financial health is determined by its ability to manage its debt. It is the responsibility of the Treasurer/Comptroller or designee to regularly monitor the Village's outstanding debt and to recommend issuance, replacement and retirement of outstanding debt to the Finance/Public Works Committee and the Village Board.

Procedures:

A. Financing Considerations

1. The Village will confine long-term borrowing to capital improvements, equipment, or other long-term projects which cannot and, appropriately should not, be financed from current revenues.
2. The Village will not use long-term debt to finance current operations, nor will long-term debt be used to finance the cost of short-lived (less than five years) depreciable assets (for example, vehicles).
3. In general, the final maturity of bonds and notes issued by the Village should not exceed the expected useful life of the underlying project for which it is being issued.

B. Debt Issuance Practices

1. An analysis will be prepared by Village staff for each proposed financing; such analysis will assess the impact of debt issuance on current and future operating and capital budgets and address the reliability of revenues to support debt service payments.
2. All feasible alternatives (for example, State Trust Fund loans, Clean Water Fund loans, and private placements with local financial institutions) for borrowing funds should be considered by the Village and the financial advisor depending on the uniqueness of the items or projects being financed by long-term debt.
3. The Village will issue general obligation debt through a competitive bidding process with the exception of Village Board authorized negotiated sales or State of Wisconsin Capital Financing Programs. Bids will be awarded on a true interest cost (TIC), providing other bidding requirements are satisfied. In the instances in which staff believes competitive bidding produced unsatisfactory bids, the Village has the option to reject the bid and the Village Board may authorize staff to negotiate the sale of the securities.

Negotiated sales of general obligation debt will be considered in circumstances when the complexity of the issue requires specialized expertise (such as advanced refunding to restructure debt service), when time to complete a sale is critical or when a negotiated sale would result in substantial cost savings. Negotiated sales of debt will also be considered for revenue bonds, bond anticipation notes, leases and land contracts when the complexity of the project, revenue source for debt service, or security for the debt makes it likely that a negotiated sale would result in a financial advantage to the Village.

4. Periodic reviews of outstanding debt will be undertaken to determine refunding opportunities. Refunding will be considered (within federal tax law constraints) if and when there is a net economic benefit of the refunding

In general, advanced refundings for economic savings will be undertaken when net present value savings of at least 2% of the refunded debt can be achieved. Current refundings that produce net present value savings of less than 2% savings may be considered when there is a compelling public policy or long-range financing policy objective.

5. Inter-Fund loans. The Village may use inter-fund loans (in lieu of borrowing from private parties) to minimize the expense and administrative effort associated with external borrowing. Inter-Fund loans are typically made for relatively short periods of time (under five years) and relatively low amounts (under one million dollars). Inter-fund loans will be considered to finance high priority needs on a case-by-case basis, only when other planned expenditures in the fund making the loan would not be affected. Inter-fund loans shall be repaid with interest at a rate similar to the average rate of interest the Village earns on its accounts or market rate.

C. Debt Limits and Structure

1. Section 67.03 of Wisconsin Statutes requires that general obligation debt outstanding not exceed 5% of the equalized valuation of the taxable property within the Village. Revenue bonds and notes are not considered debt for purposes of determining compliance with constitutional debt limitations. The Village intends to keep outstanding general obligation debt within 40% of the limit prescribed by law and at levels consistent with its credit objectives and long-term financial plan.
2. The Village will keep the maturity of all outstanding general obligation bonds at or below 20 years.
3. The total annual debt service for general obligation debt (exclusive of that funded by proprietary operations) will not exceed twenty percent (20%) of the Village's total tax levy with an effort to maintain the levy at a proportionate even level for tax rate stabilization.

D. Financial Advisors

1. The Village will utilize the services of a qualified financial advisor in monitoring its debt and debt service.

2. The Village should strive to maintain a long-term relationship with a financial advisor to allow for continuity and consistency in services provided by the advisor. However, the arrangement between the financial advisor and the Village should be examined every three (3) to five (5) years or as deemed necessary by Village administrative staff and the Village Board.
3. All costs of issuing long-term debt, including fees for professional services, underwriting fees, and the interest costs over the term of the debt issue, must be considered and carefully evaluated for each borrowing.
4. The Village will work with the financial advisor to ensure that long-term debt issues are structured to protect the interest of the Village for the present and in the future (for example, the inclusion of call provisions to protect the Village against future interest rate fluctuations or other circumstances).

E. Other Consideration

1. The Village will maintain good communications with bond rating agencies regarding its financial condition.
2. The Village will follow a policy of full disclosure in all financial reporting including bond prospectuses and continuing disclosure agreements required under SEC Rule 15c2-12(b)(5).

This policy will be reviewed by the Finance/Public Works Committee every three (3) years following adoption or sooner at the discretion of the Village Board.

UNFUNDED PROJECTS

(PAGES 194 – 200)

AND

ITEMS NOW BUDGETED IN GENERAL FUND

(PAGES 201-203)

FY 2016-2020 Capital Improvement Plan Project Description

Project #: OT **Department:** CSD

Project Name: Boundary Signs

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

Expenditure Detail:

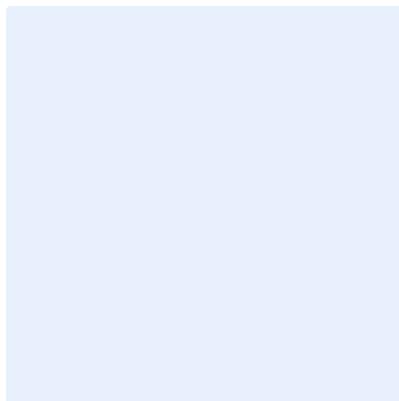
Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T		0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Adding two new gateway/boundary signs on N. Green Bay Road at County Line Road and either Sherman Blvd. or Teutonia Avenue at Calumet Road. These signs would match the existing signs in Brown Deer Road.

Project Justification: The Brown Deer Road boundary signs have added a great identity presence to the street enabling residents and visitors to better distinguish Village borders and these added signs will similarly help along the other corridors.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: **Department:** POLICE/VILLAGE

Project Name: THERMAL IMAGING CAMERA

Total Project Cost: \$6,600.00 **Estimated Life of Project:** ONE YEAR

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T				

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Outfit the police department with one Thermal Imaging Camera

Project Justification: Thermal imaging technology allows officers to see suspects, lost/missing persons, and potential evidence in total darkness, through smoke, moderate fog, and light foliage without revealing the officer’s location. This technology would increase officer’s likelihood of capturing hiding/concealed suspects, improve their ability to track and collect evidence, and increase situational awareness in tactical situations.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: 0T **Department:** Manager's Office

Project Name: Paperless Document Management

Total Project Cost: 100,000

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Convert and archive paper documents from the archives room into electronic documents/images for easy storage, search, and retrieval.

Project Justification: Village Hall is running out of space to store paper documents, the options are to purchase or buy extra storage space or turn the existing paper documents into electronic documents. The initial cost is to either purchase a software database system or have one created through windows/Microsoft office and for the imaging of documents. A portion of the conversion from a paper document to an electronic document can be handled in-house; however, larger documents need to be sent offsite to be scanned. The expense to have all the documents converted is quite costly, and staff proposes to break out the project over five years. The urgency for this project increases as time goes on.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: 0T **Department:** Manager’s Office

Project Name: Village Hall Tile Restoration

Total Project Cost: \$20,000

Expenditure Detail:

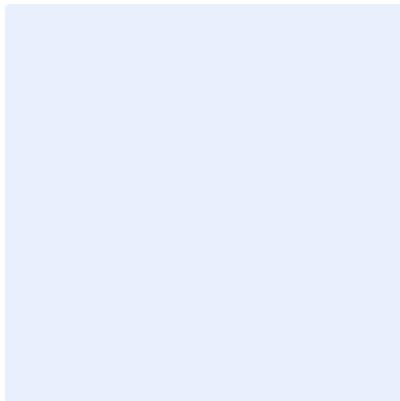
Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Remove previously applied wax/sealer on the flooring tile in the Police Department lobby, stairway, restrooms, and Village Hall lobby.

Project Justification: Removal of the wax/sealer will reduce the “slipping on wet tile”, safety hazard. It was brought to staff’s attention during the front entry remodeling project. After the project was completed, staff found that the tiling should never have had the wax/sealer applied to its surface and found that it functioned best without the wax/sealer on it. For the time being, we have increased the number of mats placed in these target areas which has temporarily decreased the safety hazard.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: LIB/18/3 **Department:** Library

Project Name: Patio removal/remodel and landscaping

Total Project Cost: \$15,000 **Estimated Life of Project:** 30 years

Expenditure Detail:

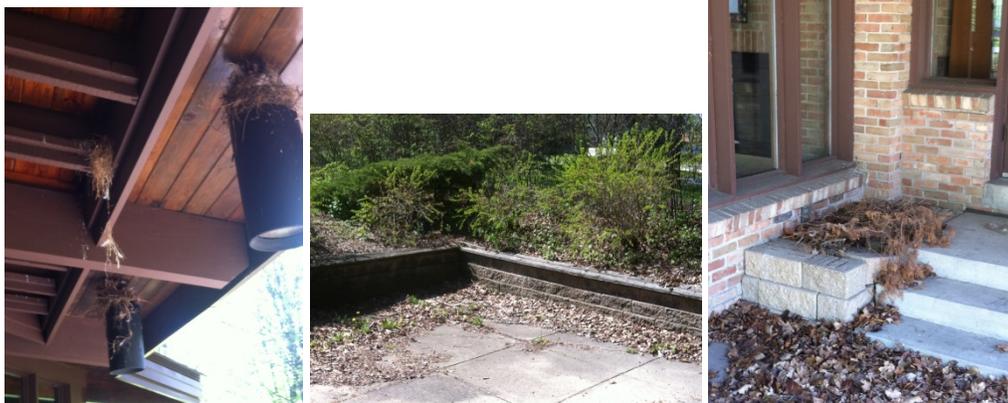
Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Remove or remodel patio, including but not limited to abandoning floor drain, backfilling, installing/replacing landscaping, installing bird netting under roof overhang, installing new light fixtures, installing vandalism-reduction materials where needed.

Project Justification: The outdoor sunken patio on the Library’s south side has gone unused for years, is deteriorating and collects debris. Landscaping around it has matured, some looking overgrown and unsightly, and creating a low visibility area that raises concerns about building security. Retaining wall seats are rotten and unattached, cement is crumbling. The roof overhang is a popular nesting place for birds, causing damage to light fixtures and significant annual cleaning needs.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: OT **Department:** Park and Recreation

Project Name: Pond Lockers, Benches and Chaise Lounges

Total Project Cost: \$6,720.00 **Estimated Life of Project:** Lockers & Benches 25 yrs., Chaise Lounges 5yrs.

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	0T	0T

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Lockers and benches will be used in the Men’s and Women’s changing area in the Pond Beach House. Chaise Lounges are for patrons to use on the beach and grass areas.

Project Justification: Currently we don’t offer any space for patrons lock up their clothes and belonging while they are swimming. Patrons have made requests for lockers over the past few years and if we are going to move ahead with the Wibit project the lockers and benches will become more of a need and patrons are going to want their belongings in a more secure place. Existing chaise lounge chairs were donated by a local hotel when they got new ones and we need to begin to replace them and also increase the number of chairs that are available. The current chaise lounge chairs have become a big hit since they were donated.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: OT **Department:** Park and Recreation Department

Project Name: Wibit Water Obstacle Course

Total Project Cost: \$50,000.00 **Estimated Life of Project:** Maximum 15 Years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	0T	0T	0T	0T	0T

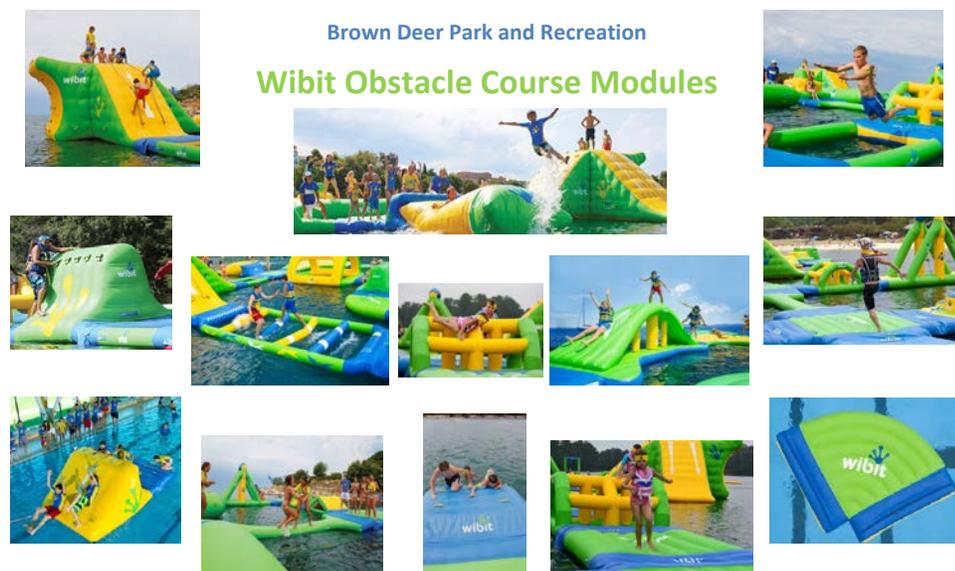
Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: Wibit floating obstacle course

Project Justification: In 2007 we starting upgrading the Pond experience with a new beach house to replace aging changing room facilities, 2011 the Play Structure was added to the beach area, 2013 we added a new water chlorine water management system and in 2014 we replaced the aging platform with a new floating raft with diving board.

Now we are looking to take another step and improve the water experience and give people a reason to come and visit the Pond with a Wibit Obstacle Course and improve the aquatic experience for the residents and the people who come to visit the Community. The obstacle course will assist in increasing attendance give us a marketing tool to make the Pond a destination that people will want to visit in the summer.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: DPW/16-20/C **Department:** Public Works

Project Name: Arbor Day

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

Expenditure Detail:

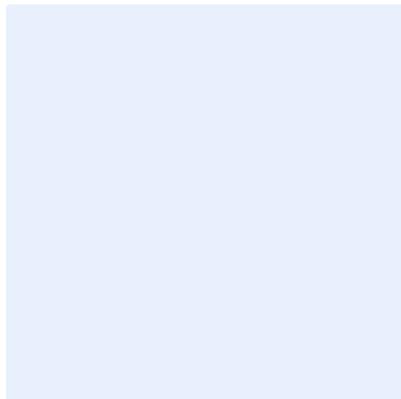
Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: The Arbor Day event requires the planting of one (1) or more trees as part of the celebration. DPW is requesting funds to continue the Arbor Day celebration and maintain Brown Deer’s “Tree City” status. The funding will be used to purchase trees and supplies for the event. Between four (4) and (6) six trees are planned for purchase and subsequent planting.

Project Justification: Brown Deer is a “Tree City” community. A requirement of “Tree City” is to hold and celebrate an Arbor Day event.

Project Picture / Map:



FY 2016-2020 Capital Improvement Plan Project Description

Project #: DPW/16-20/A **Department:** Public Works

Project Name: All Shop Tools & Equipment

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

Expenditure Detail:

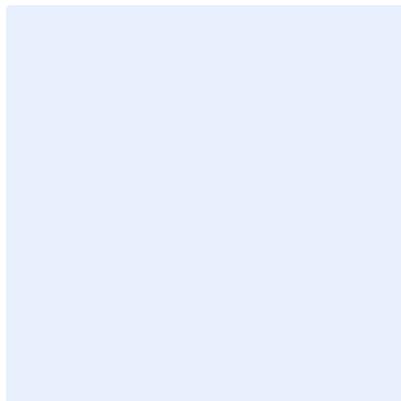
Year	2016	2017	2018	2019	2020
Budget	\$	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance TIF Funds

Project Description: General small shop tools and shop equipment for purchase/replacement in 2016 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 2016-2020 Capital Improvement Plan Project Description

Project #: **Department:** POLICE/VILLAGE

Project Name: SMALL EQUIPMENT REPLACEMENT

Total Project Cost: \$6,500.00 **Estimated Life of Project:** ONE YEAR

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$6,500.00				

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Purchase 5 bullet resistant vests, 40 Tyvek chemical suits, 2 wrestling mats, 1 torso heavy bag.

Project Justification: As part of the bullet resistant vest replacement program, five officer’s vests are scheduled to be replaced every year due to end of effective service life (five years). The current supply of TYVEK chemical protective suits that were initially issued by Wisconsin Emergency Government approximately 10 years ago are now past expiration and need to be replaced. The Wisconsin DAAT training program has changed over the years and is now requiring ground fighting training. In order to properly train our officers in these potentially lifesaving techniques, we need wrestling mats and a torso heavy bag.

Project Picture / Map:

