

CAPITAL IMPROVEMENT PROGRAM
Fiscal Years 2017 Through 2026

CIF Projects - Cost estimates & priority

Project YR	Street	Project Scope	Cost Breakdown				*Total Cost
			Sewer	Water	Storm	Street	
Priority listed:							
2017	Franklin St & Ann St	Whitewater/Church St to Ann St. stormwater outfall	\$422,110	\$399,800	\$513,200	\$633,415	\$1,969,000
2018	Clay Street	Dann St to Roundabout	\$374,214	\$755,460	\$491,844	\$989,488	\$2,611,000
2018	Esterly Street	Milwaukee St to Clay St	\$109,900	\$94,750	\$34,975	\$159,300	\$399,000
2020	Milwaukee St	Newcomb to Roundabout	\$488,750	\$461,250	\$0	\$99,410	\$1,049,000
2020	Milwaukee St	Milwaukee & Newcomb Intersection	\$385,000	\$308,750	\$0	\$87,500	\$781,000

***All total costs include 25% for contingencies and technical services**

City of Whitewater Capital Improvement Program 2017-2026

Dept.	Project	Funding Source	Summary Page	2017	2018	2019	2020	Beyond 2020
Admin	Election Tabulation Equipment	GF	1	\$ 30,000				
				\$ 30,000	\$ -	\$ -	\$ -	\$ -
Media Svc.	Camcorder Replacement	CABLE	2		\$ 5,000	\$ 5,000		
				\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -
Police	Radio Voter or Digital P25 Conversion	CIF	3	\$ 49,000				
Police	Duty Pistol Replacement	CIF	4	\$ 16,000				
Police	ProPhoenix (Record Management System)	CIF	5	\$ 20,837				
Police	Solacom (911 System)	CIF	6	\$ 94,621				
Police	Police Evidence Garage	CIF	7	\$ 60,000				
Police	PD Portable Radios	GF	8		\$ 11,000			
Police	WISCOM and LAW Radio Channels	GF	9		\$ 29,000			
Police	Speed Board	GF	10		\$ 5,000			
Police	Surveillance Cameras	GF	11		\$ 6,000			
Police	Uninterruptible Power Supply	GF	12			\$ 38,000		
Police	Police Department Garage Expansion	G.O. Bonds	13				\$ 225,000	
Police	Radios (Squad Cars)	GF	14					\$ 28,000
				\$ 240,458	\$ 51,000	\$ 38,000	\$ 225,000	\$ 28,000
Facilities	Armory Gym Upgrades	CIF	15	\$ 10,000				
Facilities	Municipal Building Keyless Entry	CIF	16	\$ 45,000				
Facilities	ADA Compliance	CIF	17	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 250,000
Facilities	Armory - Replace South Gym Interior Doors	BRF	18	\$ 10,000				
Facilities	Cravath-Replacement Chairs	BRF	19		\$ 5,000			
Facilities	City Hall - Replace Carpet & Flooring	GF	20			\$ 15,000		
P&R	Cravath - Amphitheater & Shade Structure	G.O. Bonds	21	\$ 50,000	\$ 200,000			
P&R	Starin Park Splash Pad	G.O. Bonds	22		\$ 50,000	\$ 350,000		
P&R	Effigy Mount Preserve - Kiosk	GF	23		\$ 10,000			
P&R	Minneiska Park - Playground	CIF	24		\$ 30,000			
P&R	Moraine View Park - Bark Park Relocation/Addition	PLDF	25			\$ 10,000		
P&R	Moraine View Park - Playground Improvements	CIF	26			\$ 40,000		
P&R	Moraine View Park - Shelter/Restroom/Concessions Building	CIF	27					\$ 205,000
Dept.	Project	Funding Source	Summary Page	2017	2018	2019	2020	Beyond 2020
	Bike Paths							
P&R	W Walworth - Indian Mound Pkwy to S Franklin	CIF	N/A	\$ 34,000				
P&R	Indian Mound - W Walworth to W Main	CIF	N/A	\$ 10,800				
P&R	S Elizabeth to W Main	CIF	N/A	\$ 15,200				
P&R	E Bluff - Elkhorn to Howard	CIF	N/A		\$ 13,200			
P&R	S Wisconsin - Willis Ray to Tripp Lake Park	CIF	N/A		\$ 15,200			
	Shared Use Paths							
P&R	Shaw Court Ext Path	CIF	N/A		\$ 80,784			
				\$ 200,000	\$ 429,184	\$ 440,000	\$ 25,000	\$ 455,000
Streets	Franklin Street/Ann Street Stormwater	G.O. Bonds	28	\$ 633,415				
Streets	Blaw Knox/Ingersoll-Rand PF5510	CIF	29		\$ 75,000			
Streets	Esterly St. (Milwaukee to Clay)	G.O. Bonds	30		\$ 159,300			
Streets	Clay St. (Dann to Roundabout)	State Grant	31		\$ 989,488			
Streets	Street Lights Downtown	G.O. Bonds	32		\$ 224,000			
Streets	Street Light Pole Banners	GF	33		\$ 10,000			
Streets	Milwaukee & Newcomb Intersection	G.O. Bonds	34			\$ 87,500		
Streets	Milwaukee St. (Newcomb to Roundabout)	G.O. Bonds	35			\$ 99,410		
				\$ 633,415	\$ 1,457,788	\$ 186,910	\$ -	\$ -

Dept.	Project	Funding Source	Summary Page	2017	2018	2019	2020	Beyond 2020
Waste	Facility Upgrades (RBC Replacement)	CWF	36	\$ 8,280,000				
Waste	Influent Sluice Gate Rehabilitation	ERF	37	\$ 35,000				
Waste	Well and Potable Water System Rehabilitation	WWC	38	\$ 78,000				
Waste	Vacuum Pump	ERF	39	\$ 5,500				
Waste	Franklin Street/Ann Street Stormwater	G.O. Bonds	28	\$ 422,110				
Waste	Collection System Flow Monitoring Equipment	WWC	40	\$ 13,000				
Waste	Esterly St. (Milwaukee to Clay)	G.O. Bonds	30		\$ 109,900			
Waste	Clay St. (Dann to Roundabout)	G.O. Bonds	31		\$ 374,214			
Waste	Roof Replacement Program	WWC	41		\$ 18,000	154000	54000	155000
Waste	Vehicle #20 Replacement	WWC	42			\$ 85,000		
Waste	Digester Coatings	G.O. Bonds	43			\$ 290,000	\$ 580,000	
Waste	Vanderlip Lift Station Upgrade	WWC	44			\$ 650,000		
Waste	Milwaukee & Newcomb Intersection	G.O. Bonds	34			\$ 385,000		
Waste	Milwaukee St. (Newcomb to City Limits)	G.O. Bonds	35			\$ 488,750		
				\$ 8,833,610	\$ 502,114	\$ 2,052,750	\$ 634,000	\$ 155,000

Dept.	Project	Funding Source	Summary Page	2017	2018	2019	2020	Beyond 2020
Water	Fire Hydrant Replacement	WUF	45	\$ 20,000				
Water	SCADA Upgrade	WUF	46	\$ 61,400				
Water	Franklin Street/Ann Street Stormwater	G.O Bonds	28	\$ 399,800				
Water	Esterly St. (Milwaukee to Clay)	WUF	30		\$ 94,750			
Water	Clay St. (Dann to Roundabout)	G.O. Bonds	31		\$ 755,460			
Water	Well #5 Rehab	WUF	47		\$ 90,000			
Water	Industrial Drive Water Main Replacement	G.O. Bonds	48		\$ 200,000			
Water	Generator Backup for Well #7	WUF	49		???			
Water	Milwaukee & Newcomb Intersection	WUF	34			\$ 308,750		
Water	Milwaukee St. (Newcomb to Roundabout)	REV	35				\$ 461,250	
				\$ 481,200	\$ 1,140,210	\$ 308,750	\$ 461,250	\$ -

Storm	Janesville Street Detention Basin	G.O./Grant	50	\$ 243,000				
Storm	Business Park Armory Detention Basin	G.O./Grant	51	\$ 240,000				
Storm	N. Fremont St. Drainage	CIF/Assess	52	\$ 50,000				
Storm	Franklin Street/Ann Street Stormwater	G.O. Bonds	28	\$ 513,200				
Storm	Esterly St. (Milwaukee to Clay)	Storm	30		\$ 34,975			
Storm	Clay St. (Dann to Roundabout)	State Grant	31				\$ 491,844	
				\$ 1,046,200	\$ 34,975	\$ -	\$ 491,844	\$ -

Grand Total for All Departments:

\$ 11,464,883	\$ 3,620,271	\$ 3,031,410	\$ 1,837,094	\$ 638,000
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*CDA ITEMS WOULD NOT PROCEED WITHOUT AN AGREEMENT WITH A PRIVATE DEVELOPER

CDA	TIF #5 (Loop Road, Indian Mound Intersection, Pearson Lane Intersection, TWLTL)	Dev. Agrmnt/	53	\$ 2,500,000	\$ 2,000,000			
CDA	TIF #5 CDA TIF Incentives	Borrowing	53	\$ 1,000,000				
CDA	TIF #6 (Road Improvements, Public Utilities)	Dev. Agrmnt/	54	\$ 1,000,000	\$ 1,500,000			
				\$ 4,500,000	\$ 3,500,000	\$ -	\$ -	\$ -

Project Title: Election Tabulation Equipment

Description & Scope: Whitewater’s election tabulation equipment for the Walworth County portion of our city is in need of replacement. (Jefferson Co. has newer machines).

Purpose & Need: Current Walworth County tabulation equipment was purchased in the 1990s (various dates) and is becoming obsolete. Walworth County has plans to replace equipment, with the new equipment being first used in 2017. Funding for the machines is necessary, as there is no plan in place for the county to pay for the equipment. If the county does in fact contribute, it is likely they will fund only one machine. Whitewater needs three machines.

Impact on Future Operating Budget: Estimated cost is \$10,000 per machine, including software and modem capabilities.

External Funding Sources Available: This figure is based on the county subsidizing the cost of one machine. It is not definite that the county will fund any equipment whatsoever.



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment	30,000					30,000
Maintenance						0
Technology						0
Other Expenses						0
						0
						0
Subtotal	30,000	0	0	0	0	30,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General	30,000					30,000
						0
						0
						0
						0
Subtotal	30,000	0	0	0	0	30,000

Project Title: Camcorder Replacement

Description & Scope: Purchase of two professional grade field cameras for recording community television programming. The estimated cost for each camera is \$5000.

Purpose & Need: Whitewater Community Television has replaced cameras on a 6 year cycle. They are replaced due to wear and tear, and due to video formats changing over the years. In 2001-2002 five Mini-DV cameras were purchased. In 2007-2008 there were four High Definition (HD) Mini-DV cameras purchased. In 2011-2014 there were three Professional MPEG-4 HD cameras purchased. Four inexpensive HD cameras were purchased for check-out over the past 8 years, three were MPEG-4 HD and one was HD Mini-DV tape.

Impact on Future Operating Budget:

External Funding Sources Available: None Available



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment						0
Maintenance						0
Technology		5,000	5,000			10,000
Other Expenses						0
						0
						0
						0
Subtotal	0	5,000	5,000	0	0	10,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General Fund		5,000	5,000			10,000
						0
						0
						0
						0
Subtotal	0	5,000	5,000	0	0	10,000

Project Title: Radio Voter or Digital P25 Conversion

Description & Scope: Voters are used to enhance the performance between the communications center and portables/squad radios of multi-channel radio system networks. One voter package (includes receiver, microwave and antenna) will be added to our existing radio system. Or convert existing Whitewater Police channel to digital. Package includes addition of nine portable radios, one mobile radio, plus programming costs for all existing digital P25 capable portables and mobile radios.

Purpose & Need: Due to a variety of issues specific to distance and density of brick facilities, jurisdictional boundaries, fire/EMS rural response areas and the locations of towers create a number of challenges with radio clarity in and out of the city.

Impact on Future Operating Budget:

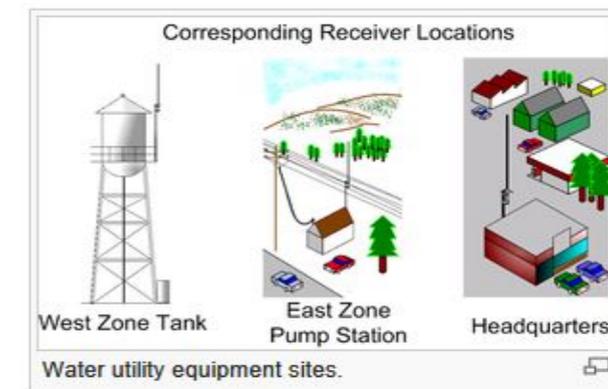
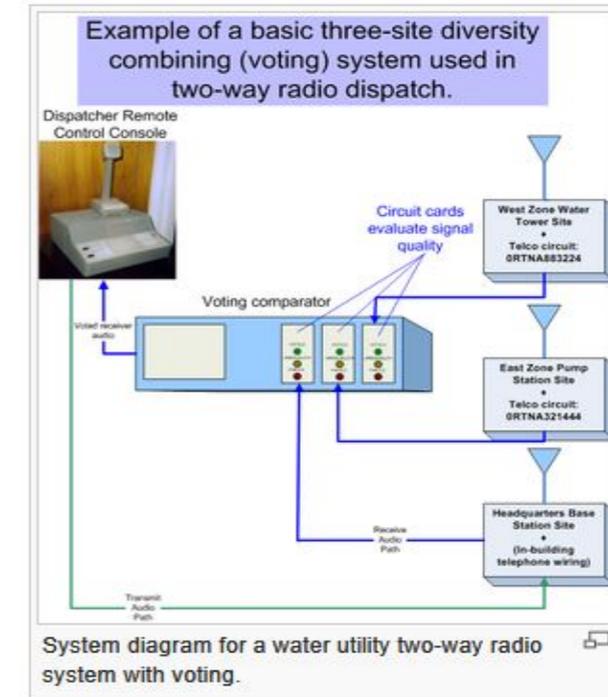
External Funding Sources Available: There are no known grants or outside funding sources available. If Communication Bridge is implemented a funding may come from UW-Police Services.

Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment	49,000					49,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
						0
						0
Subtotal	49,000	0	0	0	0	49,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund	49,000					49,000
						0
						0
						0
						0
Subtotal	49,000	0	0	0	0	49,000



Project Title: Duty Pistol Replacement

Description & Scope: Purchase of twenty-six (26) Duty Pistols, which are officers' primary source of immediate protection to a threat against themselves or another.

Purpose & Need: Current .40 caliber duty pistols and magazines are over 10 years old. In order to extend service life to 2018, armorers will need to replace various internal parts and night sights. Current research supports transition back to 9mm pistols as bullet performance has improved, recoil is less, and the ammunition is less expensive. The department currently has a committee critically assessing different make and model of weapons to ensure the best weapon is selected. The quote includes the purchase of new holsters in the event the new weapon doesn't transition into the existing holsters.

Impact on Future Operating Budget:

External Funding Sources Available: There are no known grants or outside funding sources available.



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment	16,000					16,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
						0
						0
Subtotal	16,000	0	0	0	0	16,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund	16,000					16,000
						0
						0
						0
						0
Subtotal	16,000	0	0	0	0	16,000

Project Title: ProPhoenix Record Management System

Description & Scope: This project was implemented in 2015 and 2016. This cost will cover the cost of interface fees, which is the initial charge for having the actual RMS interface on our system.

Purpose & Need: The new RMS system is necessary in moving forward with the Communication bridge system between the City of Whitewater, Walworth County Sheriff's Office, and the University of Wisconsin-Whitewater. The new RMS system will eliminate redundancies in data entry (in dispatch CAD, WPD records, WCSO records, UWPD records, access to shared data bases; UW, WCSO, Elkhorn and any agency using Pro Phoenix). The new RMS system will populate and share sensitive information on the officer's mobile data computers (MDC) with calls for service data.

Impact on Future Operating Budget:

External Funding Sources Available: There are no known grants or outside funding sources available.

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment						
Maintenance						
Land/R.O.W.						
Technology	20,837					
Subtotal						

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Operating Cost						0
Capital Improvement Fund	20,837					20,837
Subtotal	20,837	0	0	0	0	20,837

Project Title: Solacom 911 System

Description & Scope: This expense is for the hardware and software that must be installed into the city's server room so we can connect with the County for bridge 911 services.

Purpose & Need: The Whitewater Communications Center is one of four public safety answering points in Walworth County handling emergency and nonemergency radio and telephone service for the Whitewater Police Department, Whitewater Fire Department/EMS, UW-Whitewater Police Services, and LaGrange Fire and Rescue. Walworth County will be the host system, which would minimize the amount of equipment required at each PSAP and provide a cost effective path to transition to TDM technology and T1 lines, to the newer voice over IP (VOIP) fhta will form the basis of next generation 911 services

Impact on Future Operating Budget:

External Funding Sources Available: There are no known grants or outside funding sources available.

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment	94,621					94,621
Maintenance						0
Land/R.O.W.						0
Technology						0
Subtotal	94,621	0	0	0	0	94,621

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Operating Cost						0
Capital Improvement Fund	94,621					94,621
						0
						0
Subtotal	94,621	0	0	0	0	94,621

Project Title: Police Evidence Garage

Description & Scope: 40x60 covered building, furniture and equipment for seized vehicles, large/bulk evidence and long-term evidence storage pending final court disposition.

Purpose & Need: To house and process the overflow, bulky/large, and long-term evidence and seized vehicles. The department currently uses the basement evidence room and the garage at the police department to store the majority of evidence. A one stall garage at the city maintenance facility is used to store bulky and long-term evidence and seized vehicles are kept on the exterior grounds. Due to the age and condition of the garage, evidence has been lost to rodent and water damage. The size of the garage is not adequate to store more than one vehicle, thus seized vehicles must remain outside during inclement weather. A court seizure can be lengthy, which adds to the depreciation of the value of the vehicles. In the past, the department has been forced to rent space at storage facilities and use jail cells to store bulk items and large quantities of evidence.

Impact on Future Operating Budget: Maintaining seized vehicles in an enclosed and secure garage will notably impact the value of the vehicles as well as ensure the security and condition of valuable evidence. If additional space becomes available at the municipal building, this structure could be utilized by the Department

External Funding Sources Available: \$5,000 will come from seizure funds.

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Construction	60,000					60,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Subtotal	60,000	0	0	0	0	60,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Operating Cost						0
Capital Improvement Fund	60,000					60,000
Subtotal	60,000	0	0	0	0	60,000

Project Title: Portable Radio Cache
Description & Scope: Add seven (7) 800 Mhz P25 portable radios to squad cars to comply with SMART mandates.

Purpose & Need: In order to comply with a SMART (mutual aid) request each agency is required to provide a cache of extra portables for responding personnel to operate off using one of the WISCOM frequencies. Adding (7) 800 Mhz P25 portable radios would ensure the department is able to provide responding agencies with a portable radio when a SMART mutual aid is needed for our community.

Impact on Future Operating Budget: The department has upgraded all department portable radio's, this would be the last needed bulk purchase of radio banks. The department will continue to purchase a small quantity of portable radios through the operations/capital budget on a rotational basis to avoid future bulk purchase needs.

External Funding Sources Available: There are no known grants or outside funding sources available



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment		11,000				11,000
Maintenance						
Land/R.O.W.						
Technology						
Subtotal		11,000				11,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General Fund		11,000				11,000
						0
						0
						0
						0
						0
Subtotal	0	11,000	0	0	0	11,000

Project Title: WISCOM and LAW Radio Channels

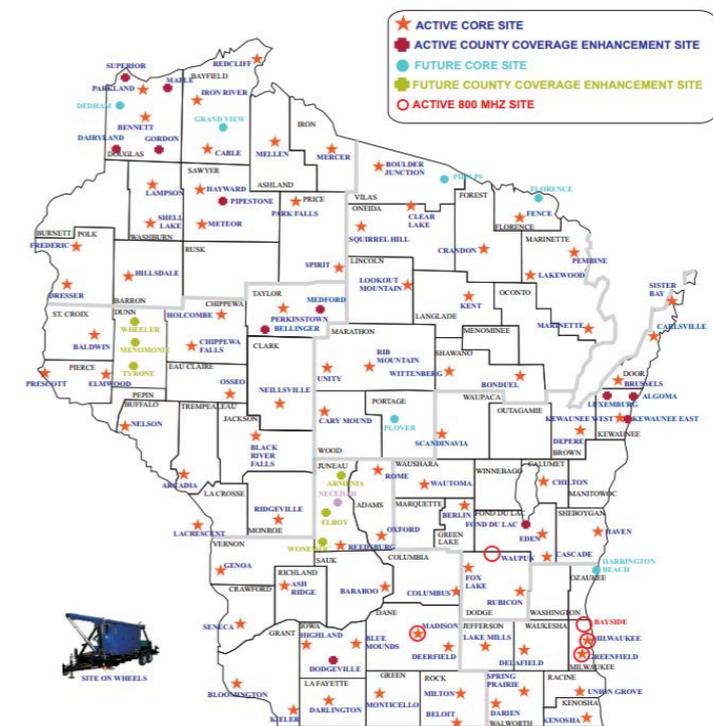
Description & Scope: The Wisconsin Interoperable System for Communications (WISCOM) is a shared system that first responders in communities across the state use to communicate during a major disaster or large-scale incident. LAW1 and LAW 3 are the channels used by other law enforcement agencies throughout Walworth County. These channels would be added to the Communications Center radio console for better interoperability.

Purpose & Need: The lack of radio interoperability among public safety personnel became a very pronounced and deadly challenge during the 9/11 terrorism tragedies. WISCOM will support up to four simultaneous conversation paths during an incident, dramatically increasing the current capacity available with statewide mutual aid channels and allowing responders from any area of the state to assist another community without losing communication capabilities. With the addition of the Walworth County channels (Law1 & Law3). \$11,000 - WISCOM; \$18,000 - LAW

Impact on Future Operating Budget:

External Funding Sources Available: There are no known grants or outside funding sources available. If the Communications Bridge is implemented, additional funding may come from UW-Police Services.

WISCOM TOWER SITES



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment						0
Maintenance						0
Technology		29,000				29,000
Other Expenses						0
						0
						0
Subtotal	0	29,000	0	0	0	29,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General		29,000				29,000
						0
						0
						0
Subtotal	0	29,000	0	0	0	29,000



Project Title: Speed Board

Description & Scope: The speed board is a proactive law enforcement tool used to deter speeding in high traffic areas or in neighborhoods where speeding has been identified as a concern.

Purpose & Need: The Speed Board is used to gain safe speed compliance and identify problem areas. Data is used to determine if patrol needs to be deployed to specific areas of the community. The existing Speed Board is approximately 15 years old.

Impact on Future Operating Budget: Generally the life expectancy is 10-15 years.

External Funding Sources Available: There are no known grants or outside funding sources available



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment		5,000				5,000
Maintenance						0
Technology						0
Other Expenses						0
						0
						0
Subtotal	0	5,000	0	0	0	5,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General Fund		5,000				5,000
						0
						0
						0
Subtotal	0	5,000	0	0	0	5,000



Project Title: Surveillance Cameras

Description & Scope: Installation of public video surveillance systems have proven to be very successful in recording criminal activity. Law enforcement routinely turns to local businesses for video surveillance in an attempt to locate possible suspect and suspect vehicles. The cameras can act as a crime deterrent. When criminals see a surveillance camera it can discourage criminal activity.

Purpose & Need: Installation of public video surveillance cameras in heavy traffic areas with the ability to move cameras based on current need. Suggested locations would be the downtown area and main traffic intersections. Outdoor cameras \$1,200 per camera to include mounts, SD memory cards (as needed) and/or wiring power off traffic light booms.

Impact on Future Operating Budget: There are no known grants or outside funding sources available

External Funding Sources Available:

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment		6,000				6,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
						0
Subtotal		6,000				6,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General Fund		6,000				6,000
						0
						0
						0
						0
Subtotal	0	6,000	0	0	0	6,000

Project Title: Uninterruptible Power Supply (UPS)

Description & Scope: The Uninterruptible Power Supply (UPS) is a secondary back up supply to the generator, ensuring power for 24/7 emergency services.

Purpose & Need: The UPS is required as a secondary back up supply to the generator that ensures the essential portions of the police department and municipal building remain functioning during loss of power.

Impact on Future Operating Budget: Life expectancy is 20 plus years depending on power requirements. The batteries should be replaced every three years.

External Funding Sources Available: There are no known grants or outside funding sources available. If the Communications Bridge is implemented, additional funding may come from UW-Police Services.

Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment			38,000			38,000
Maintenance						0
Technology						0
Other Expenses						0
						0
						0
						0
Subtotal	0	0	38,000	0	0	38,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General			38,000			38,000
						0
						0
						0
						0
Subtotal	0	0	38,000	0	0	38,000



Project Title: Municipal Bldg Garage for Police Vehicles:

Description & Scope: Storage for emergency vehicles that are required to respond to emergencies.

Purpose & Need: A municipal building garage will provide emergency vehicles cover and storage in order to respond in emergent mode 24/7 in inclement weather conditions. Currently valuable time is used to clear vehicles prior to responding to emergencies. Also, a garage would provide safety and security of vehicles from theft and vandalism.

Impact on Future Operating Budget: Maintaining emergency vehicles in an enclosed and secure garage will notably impact the longevity of the vehicles as well as decrease theft and damage.

External Funding Sources Available: There are no known grants or outside funding sources available.



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction				225,000		225,000
Planning/Engineering						0
Equipment						0
Other Expenses						0
						0
						0
Subtotal	0	0	0	225,000	0	225,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
G.O. Bond				225,000		225,000
						0
						0
						0
						0
Subtotal	0	0	0	225,000	0	225,000

Project Title: Radios (Squad Cars)
Description & Scope: Add eleven (11) 800 Mhz P25 mobile radios to squad cars to improve communications with Walworth and Jefferson County Sheriff's Office

Purpose & Need: Current radios in the squad cars do not have the capabilities to communicate on the municipal channels with surrounding county and state squad cars that are traveling in and around Whitewater. A critical incident could be occurring in the county and officers in patrol squads would not hear the radio traffic. Adding (11) 800 Mhz P25 mobiles to squad cars would enable communications with county and state squad cars.

Impact on Future Operating Budget:

External Funding Sources Available: There are no known grants or outside funding sources available.



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment					28,000	28,000
Maintenance						0
Technology						0
Other Expenses						0
						0
						0
Subtotal	0	0	0	0	28,000	28,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General					28,000	28,000
						0
						0
						0
						0
Subtotal	0	0	0	0	28,000	28,000

Project Title: Armory Gym Upgrades

Description & Scope: The safety padding on the walls in the Armory need to be replaced along with new volleyball poles and installation of security cameras in the gym and lobby.

Purpose & Need: The safety padding is worn and should be replaced(\$5000). The current volleyball poles are on a base that has to be wheeled across the floor. Sleeves would be installed in the floor for new poles (\$3400) to slide into (similar to high school and middle school). Security cameras will protect the investment the city has made to the gym floor at a relative low cost(\$1600)

Impact on Future Operating Budget: N/A

External Funding Sources Available:

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment	10,000					10,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
						0
Subtotal	10,000	0	0	0	0	10,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund						0
Capital Improvement	10,000					10,000
SRRF						0
ERF						0
Clean Water Fund						0
Subtotal	10,000	0	0	0	0	10,000

Project Title: Municipal Building Keyless Entry

Description & Scope: A number of city departments have inquired about keyless entry for the municipal building. This project was budgeted for 2016 (\$35,000); however, due to higher than anticipated pricing received, has been pushed to 2017.

This improvement would increase building security measures and allow us to remove former employees from the system rather than collect keys. In 2014, this was done at the Innovatoin Center and has worked well in that application.

Purpose & Need:

Impact on Future Operating Budget:

External Funding Sources Available: There are not grants or outside funding sources available.



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment	45,000					45,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
						0
Subtotal	45,000	0	0	0	0	45,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Operating Cost						0
Capital Improvement	45,000					45,000
SRRF						0
ERF						0
Clean Water Fund						0
Subtotal	45,000	0	0	0	0	45,000

Project Title: ADA Compliance

Description & Scope: In 2017, non ADA compliant doors in facilities will be addressed. In 2018, ADA picnic tables will be purchased. In 2019, an accessible paved route to the Moraine View soccer fields will be installed.

Purpose & Need: Title II of the Americans with Disabilities Act prohibits local governments from discrimination on the basis of disability in the delivery of programs and services. The definition of programs and services is broad and includes public parks, recreation programs, city sidewalks, and the many opportunities made available for the enjoyment of city residents. In 2014, the city had an ADA access audit completed for our parks and facilities.

Impact on Future Operating Budget: Each year we will need to implement ADA improvements in city parks and facilities.

External Funding Sources Available: None



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment	25,000	25,000	25,000	25,000	25,000	125,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
Subtotal	25,000	25,000	25,000	25,000	25,000	125,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Operating Cost						0
Capital Improvement	25,000	25,000	25,000	25,000	25,000	125,000
						0
						0
Subtotal	25,000	25,000	25,000	25,000	25,000	125,000

Project Title: Replace South Gym Doors

Description & Scope: The exterior north doors of the Armory were replaced in 2012 with steel doors (bottom photo). The interior south wood doors (top photo) are also in need of replacement.

Purpose & Need: Through years of wear and tear the doors are starting to deteriorate and appearance of the doors is lacking. In addition, some of the closing hardware is in need of replacement.

Impact on Future Operating Budget: The interior steel doors should last for many, many years.

External Funding Sources Available: N/A



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment	10,000					10,000
Maintenance						0
Technology						0
Other Expenses						0
						0
						0
Subtotal	10,000	0	0	0	0	10,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Building Repair	10,000					10,000
						0
						0
						0
Subtotal	10,000	0	0	0	0	10,000

Project Title: Cravath Lakefront Community Center - Replace Chairs

Description & Scope: Purchase of 110 vinyl padded chairs. Prices range from \$18 to \$30 depending on quality of product

Purpose & Need: The facility has 100 chairs that serve the varied functions that occur in the building. The chairs are original to the facility and date to 1997, although padded, they are difficult to store and bulky for set-up and take down. Need to update the chairs and replace with a comfortable, yet easier to store and set-up model

Impact on Future Operating Budget: It is the hope that a revolving fund for facility maintenance purchase a set quantity of chairs each year for use in city facilities.

External Funding Sources Available:



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment		5,000				5,000
Maintenance						0
Technology						0
Other Expenses						0
						0
						0
Subtotal	0	5,000	0	0	0	5,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General Fund		5,000				5,000
						0
						0
						0
Subtotal	0	5,000	0	0	0	5,000

Project Title: Municipal Building Carpet

Description & Scope: The carpeting in public high traffic areas is in need of replacement.
 To replace carpet in Police Department
 3,384 sq feet @ \$3.40 sq ft \$11,506
 To replace carpet in PD + all public spaces (non-office)
 9,364 sq feet @ \$3.40 sq ft \$31,838
 To replace carpet on entire 1st & 2nd floor
 14,700 sq feet @ \$3.40 sq ft \$49,980

Purpose & Need: The request has mainly been from the Police Department, however, a majority of the carpet in the building dates to 1997 and is showing wear, tear, and fraying.

Impact on Future Operating Budget: It is the hope that a revolving fund for facility maintenance replace carpet when needed in the future and a schedule created for all facilities.

External Funding Sources Available: N/A

Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment			15,000			15,000
Maintenance						0
Technology						0
Other Expenses						0
						0
						0
Subtotal	0	0	15,000	0	0	15,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
General			15,000			15,000
						0
						0
						0
						0
Subtotal	0	0	15,000	0	0	15,000

Project Title: Cravath Lakefront Amphitheater

Description & Scope: The current stage in Cravath Lakefront is not used by most events and festivals. There is no overhead protection in the event of rain to keep equipment dry and safe. Most large festivals park a large trailer/stage in front of the existing stage.

Purpose & Need: Provide a more useable space that will support events occurring in the park. Local service clubs have shown interest in this project and a consultant should be retained to work with stakeholders and identify a scope with a more accurate cost projection.

Impact on Future Operating Budget:

External Funding Sources Available:



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction		200,000				200,000
Planning/Engineering	50,000					50,000
Maintenance						0
Other Expenses						0
						0
						0
Subtotal	50,000	200,000	0	0	0	250,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
G.O. Bonds	50,000	200,000				250,000
						0
						0
						0
						0
Subtotal	50,000	200,000	0	0	0	250,000

Project Title: Starin Park Splash Pad

Description & Scope: A large number of communities have installed splash pads in the past 5 years. This would include communities in our area including Milton, Janesville, DeForest, Fitchburg, etc.

Purpose & Need: These are facilities designed for young families and would provide a tremendous amenity for our residents.

Impact on Future Operating Budget: There would be additional cost in maintaining the facility, water and energy costs as well as long-term equipment replacement expenses. These are not facilities that are staffed with lifeguards.

External Funding Sources Available:



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction			350,000			350,000
Planning/Engineering		50,000				50,000
Equipment						0
Maintenance						0
						0
						0
Subtotal	0	50,000	350,000	0	0	400,000

Funding Source Summary

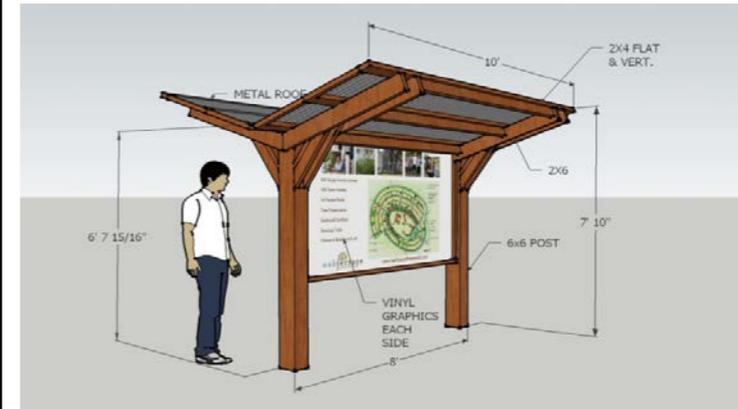
Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
G.O. Bonds		50,000	350,000			400,000
						0
						0
						0
Subtotal	0	50,000	350,000	0	0	400,000

Project Title: Whitewater Effigy Mounds Preserve-Kiosk
Description & Scope: A kiosk would welcome visitors to the site and have a map identifying the locations of the mounds and the trail route through the site.

Purpose & Need: Coordination would need to occur with the Friends of the Effigy Mounds (FOTEM).

**Impact on Future
Operating Budget:**

**External Funding
Sources Available:**



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction						0
Planning/Engineering						0
Equipment		10,000				10,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	10,000	0	0	0	10,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
General		10,000				10,000
						0
						0
						0
Subtotal	0	10,000	0	0	0	10,000

Project Title: Minneiska Park-Playground

Description & Scope: Minneiska Park is located in the Waters Edge South subdivision. The plans for the park included the construction of a playground to serve this neighborhood park.

Purpose & Need: A playground would serve the residents of the subdivision and be a great amenity along the path.

Impact on Future Operating Budget: The playground would need to be replaced in 20 years.

External Funding Sources Available:



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction						0
Planning/Engineering						0
Equipment		30,000				30,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	30,000	0	0	0	30,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
Capital Improvement Fund		30,000				30,000
						0
						0
						0
Subtotal	0	30,000	0	0	0	30,000

Project Title: Moraine View Park – Bark Park

Description & Scope: The Bark Park was located in a now delineated wetland. A passionate user group uses the park, however, casual users are turned away by frequent wet conditions. Relocating the park has been discussed but would need to match current acreage.

Purpose & Need: Pet Exercise areas are one of the most frequently used facilities in a park system and provide a great service for pet owners.

Impact on Future Operating Budget: N/A

External Funding Sources Available: DNR Stewardship Grant if land acquisition were required

Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction			10,000			10,000
Planning/Engineering						0
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	0	10,000	0	0	10,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
Parkland Development			10,000			10,000
						0
						0
						0
Subtotal	0	0	10,000	0	0	10,000

Project Title: Moraine View Park- Playground

Description & Scope: As the park has developed over recent years and with the Soccer Club exclusively utilizing the site for youth soccer, the park would be a tremendous location for a playground

Purpose & Need: A playground would serve siblings of soccer players and provide another recreational amenity in the park.

Impact on Future Operating Budget: The equipment would require replacement in 20 years

External Funding Sources Available:



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction			40,000			40,000
Planning/Engineering						0
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	0	40,000	0	0	40,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
Capital Improvement Fund			40,000			40,000
Private Donations						0
						0
						0
Subtotal	0	0	40,000	0	0	40,000

Project Title: Moraine View Park - Shelter, Restroom, and Concessions

Description & Scope: The master plan for the park developed in 2008 calls for the addition of a shelter, restroom, and concession building.

Purpose & Need: The facility would serve park visitors, soccer participants, and trail users. Existing plans for either the Trippe Lake Shelter or Treyton’s Field of Dreams concession facility could be used for this facility.

Impact on Future Operating Budget: An additional park facility would add maintenance costs of supplying paper products, cleaning, and maintaining the building.

External Funding Sources Available: The DNR Stewardship Fund would fund a portion that serves the “nature based” elements of the park but would not result in a significant award of funds. The Whitewater Soccer Club would greatly benefit by the facility but does not have substantial funds to contribute to the project. A private fundraising effort could be coordinated through the Whitewater Community Foundation.



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment					200,000	200,000
Maintenance					5,000	5,000
Technology						0
Other Expenses						0
						0
						0
Subtotal	0	0	0	0	205,000	205,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
Capital Improvement Fund					205,000	205,000
						0
						0
						0
						0
Subtotal	0	0	0	0	205,000	205,000

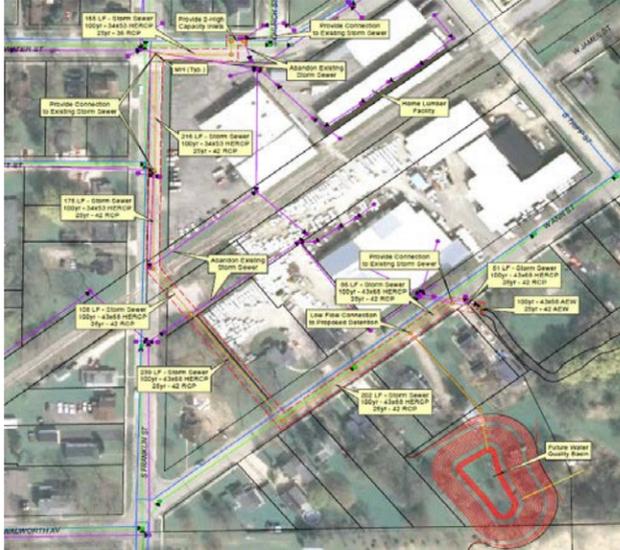
Project Title: Franklin Street/Ann Street Reconstruction

Description & Scope: Construction of a larger storm sewer is the impetus for this project. Approximately 1,100 feet of new storm sewer main would be installed from the intersection to the existing storm sewer outfall into Cravath Lake. Within the project limits the water main on Franklin St. (Whitewater St. to Walworth St.) and on Ann St. (Franklin St. to north of culvert crossing) is in need of repair. In addition, there are spot repairs needed on the sanitary lines. Also, an extra \$125,000 was budgeted for additional gutter to gutter street pairs on throughout the project limits.

Purpose & Need: During extreme storm events, the low point located at the intersection of Whitewater Street and Church Street immediately north of the Home Lumber facility does not have a positive overland flood route and as a result the Home Lumber building has experienced flooding. In addition, Wastewater staff has identified 300 linear feet of sanitary spot repair and the replacement of one manhole in the project limits, and Water Utility staff has indicated the existing water main is 70 years old.

Impact on Future Operating Budget:

External Funding Sources Available:



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction		1,476,394				1,476,394
Planning/Engineering		492,131				492,131
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	1,968,525	0	0	0	1,968,525

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
G.O. Bonds		633,415				633,415
Storm		513,200				513,200
Sewer		422,110				422,110
Water		399,800				399,800
						0
Subtotal	0	1,968,525	0	0	0	1,968,525

Project Title: Blaw Knox/Ingersoll-Rand PF5510

Description & Scope: These funds would be used to purchase a used asphalt paving machine. This unit will be large enough to do a 12' paving area, yet be able to go down to a 4' - 6' path.

Purpose & Need: With the addition of the quad truck, which we are able to get four times more asphalt on than with our 5 yard dump trucks, we are finding that we can do larger and more asphalt paving repairs for the City. In past years, we would have a contractor fix the larger patches that we are now doing ourselves. The paver would insure us a smooth paved repair, instead of the sometime rough ride we now get by doing the large repairs by hand.

Impact on Future Operating Budget: The only impact on future budgets will be through the DPW equipment replacement fund. This unit will go into our equipment listing and will be programmed for replacement in 10-15 years, depending on the used unit we are able to purchase

External Funding Sources Available: There are not any external funding sources available for the City to purchase this used equipment.



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment		75,000				75,000
Maintenance						0
Technology						0
Other Expenses						0
						0
						0
Subtotal	0	75,000	0	0	0	75,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
Capital Improvement Fund		75,000				75,000
						0
						0
						0
						0
Subtotal	0	75,000	0	0	0	75,000

Project Title: Esterly Street Reconstruction

Description & Scope: The scope of the project will be from Clay Street to Milwaukee Street. The street needs a complete rebuild, which will include curb and gutter.

Purpose & Need: Improvements to Milwaukee Street from the Newcomb Street intersection to the jurisdictional boundary are part of a WisDOT project. However, the Esterly project was identified as closely associated with the Milwaukee Street project and needs to be completed prior to the WisDOT project start date, which is currently scheduled for 2020. The Public Works divisions have spent a lot of maintenance budget on this street and its utilities over the past years. In addition, there are no curb and gutters which allows flooding in area.

Impact on Future Operating Budget:

External Funding Sources Available:



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction	299,194					299,194
Planning/Engineering	99,731					99,731
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	398,925	0	0	0	0	398,925

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
G. O Bonds	159,300					159,300
Storm	34,975					34,975
Sewer	109,900					109,900
Water Utility Fund	94,750					94,750
						0
Subtotal	398,925	0	0	0	0	398,925

Project Title: Clay Street Reconstruction (Dann Street to Roundabout)

Description & Scope: The scope of the project will be from Dann Street to the Roundabout. The street needs a complete rebuild, which will include curb and gutter. Due to bidding requirements associate with the street and storm water portion of this project. Staff is recommending complete the water and sanitary utility work in 2017 in conjunction with Esterly Street.

Purpose & Need: The Clay Street project was identified as closely associated with the Milwaukee Street project and needs to be completed prior to the WisDOT project start date, which is currently scheduled for 2020. The Public Works divisions have spent a lot of maintenance budget on this street and its utilities over the past years. In addition, there are no curb and gutters which allows flooding in area.

External Funding Sources Available: The city has received a \$1.35M grant from the DOT for the construction of the project. The grant funds are scheduled do be released on February 11, 2020. These grant funds are only eligible for the street and storm sewer work.

Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction	848,991			1,109,263		1,958,254
Planning/Engineering	280,683			372,069		652,752
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	1,129,674	0	0	1,481,332	0	2,611,006

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
State Grant				989,488		989,488
Sewer	374,214					374,214
Storm-STMC Grant				491,844		491,844
Water	755,460					755,460
						0
Subtotal	1,129,674	0	0	1,481,332	0	2,611,006

Project Title: Street Light Poles Downtown
Description & Scope: Replacement of fifty six (56) street light poles in the downtown with new LED lights.

Purpose & Need: The current street light poles in the downtown are in poor condition and are in need of replacement. We expect the cost to be approximately \$4,000 per new pole. LED poles would match the recently installed poles in the Downtown East Gateway project.

Impact on Future Operating Budget: None

External Funding Sources Available: None

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment		224,000				224,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
Subtotal	0	224,000	0	0	0	224,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
G.O. Bonds		224,000				224,000
						0
						0
						0
Subtotal	0	224,000	0	0	0	224,000

Project Title: Street Light Pole Banners
Description & Scope: Purchase of new street light pole banners.

Purpose & Need: Our current banners are aged and in poor condition.

**Impact on Future
 Operating Budget:**

**External Funding
 Sources Available:**

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment		10,000				10,000
Maintenance						
Land/R.O.W.						
Technology						
Subtotal	0	10,000	0	0	0	10,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
General Fund		10,000				10,000
						0
						0
						0
						0
Subtotal	0	10,000	0	0	0	10,000

Project Title: Milwaukee Street and Newcomb Street Intersection Reconstruction

Description & Scope: This is a State connecting highway project. The scope of the project will be the intersection west to Esterly Street intersection. However, the City will have a cost share for the street improvements and costs for underground utility infrastructure upgrades. Right-of-way will be acquired, which will be 100% funded by WisDOT, to expand the size of the intersection to make it safer for semi-trucks to navigate turns.

Purpose & Need: Improvements to this intersection are part of a WisDOT project. However, the city will fund improvements for portions of street improvements and terrace trees, and upgrades to the City's water and sanitary utilities.

Impact on Future Operating Budget: This intersection will see a significant decrease in pavement maintenance.

External Funding Sources Available: According to the July 17, 2008 State Municipal Agreement, there is a \$45,000 allowance for Community Sensitive Solution items in this project, so the city is choosing stamped-colored concrete crosswalks, raised medians, and terrace trees.



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction			585,937			585,937
Planning/Engineering			195,313			195,313
Equipment						0
Land/R.O.W.						0
						0
						0
Subtotal	0	0	781,250	0	0	781,250

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
G.O. Bond			87,500			87,500
G.O. Bond			385,000			385,000
Storm						0
G.O. Bond			308,750			308,750
						0
Subtotal	0	0	781,250	0	0	781,250

Project Title: Milwaukee St.-Newcomb to City Limits

Description & Scope: This is a State connecting highway project. However, the City will have a cost share for the street improvements and costs for underground utility infrastructure upgrades.

Purpose & Need: Significant Street repair funds have been used to maintain this road, which has a failing base structure.

Impact on Future Operating Budget: This intersection will see a significant decrease in pavement maintenance

External Funding Sources Available:



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Construction						0
Planning/Engineering			1,049,410			1,049,410
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	0	1,049,410	0	0	1,049,410

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
G.O. Bond			99,410			99,410
Storm						0
G.O. Bond			488,750			488,750
G.O. Bond			461,250			461,250
						0
Subtotal	0	0	1,049,410	0	0	1,049,410

Project Title: Construction of Biological Upgrade at Wastewater Utility

Description & Scope: These project costs will be incurred after the bid opening in mid 2015. It will include a construction services contract with our engineer along with a construction contract with the approved and selected general contractor. Those contracts will be in place until project completion.

Purpose & Need: The biological and infrastructure upgrades are driven by failing treatment units, hydraulic limitation, future flexibilities and equipment that has reached the end of its useful life. Per WDNR guidance publically owned treatment works (POTWs) are to go through a Facility Planning process for a design period of 20 years. For Whitewater it will have been 35 years upon project completion. This project will carrier the City through the next 20 years and beyond with incorporation of future design options. This project will not eliminate future phosphorus compliance issues nor does it include upgrades to the digester complex should the proposed Biogas Utilization Project not come to fruition. The project timeline is tentatively scheduled to be from July of 2015 to July of 2017.

Impact on Future Operating Budget: The estimated amount for this work is shown below. These funds will be reimbursed to the City by the State of WI Clean Water Fund Loan Program over the course of construction. Current interest rates are subsidized at a 25% saving vs. prime interest rates. Currently this percent is 2.625%. Loan term is 20 years.

External Funding Sources Available: State of WI CWF loan program.

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Construction/Engineering	832,900					832,900
						0
						0
						0
						0
						0
						0
Subtotal	832,900					832,900

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Operating Cost						0
Capital Improvement						0
SRRF						0
ERF						0
Clean Water Fund	8,280,000					8,280,000
Subtotal	8,280,000	0	0	0	0	8,280,000



Project Title: Influent Sluice Gate Rehabilitation

Description & Scope: The influent sluice gate was damaged in early 2016 leaving it inoperable. It has since been braced to avoid major issues. Costs noted below are to investigate and economically repair this wetwell component.

The main influent gate is utilized to allow for timely and necessary maintenance of the wetwell or plant lift station. Without this component we will be unable to safely perform these duties.

Purpose & Need:

Impact on Future Operating Budget: The equipment replacement fund (ERF) is funded annually by operating revenues in order to maintain a specific fund balance as required by WDNR statute. This item is exactly why the ERF is in place.

External Funding Sources Available:

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment	35,000					35,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
Subtotal	35,000	0	0	0	0	35,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund						0
Capital Improvement						0
SRRF						0
ERF	35,000					35,000
Clean Water Fund						0
Subtotal	35,000	0	0	0	0	35,000



Figure No.1 Damaged influent gate shaft

Project Title: Well and Potable Water System Rehabilitation

Description & Scope: This item was originally planned for partial completion in 2016. However, upon further investigation and due to the condition of our existing well and water characteristics we elected to come up with a more appropriate long term solution.

The water at the utility is provided by a private well. Running city water to the utility is not being planned for in the near future due to cost. Utility staff is unable to drink the water and the current water chemistry is hard on fixtures and water system equipment.

Purpose & Need: The proposed remedy is to replace the well pump and associated equipment as well as including a stout water treatment system that would allow for increased use and consumption of the water.

Impact on Future Operating Budget: The project would be funded by the capital improvement fund.

External Funding Sources Available:

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment	40,000					40,000
Maintenance	30,000					30,000
Land/R.O.W.	8,000					8,000
Technology						0
						0
						0
						0
Subtotal	78,000	0	0	0	0	78,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund						0
Capital Improvement	78,000					78,000
SRRF						0
ERF						0
Clean Water Fund						0
Subtotal	78,000	0	0	0	0	78,000



Figure No.1- Proposed resin tanks w/new system



Figure No.2- Current plant water treatment system

Project Title: Vacuum pump for land application truck
Description & Scope: Replacement of the original 1986 vacuum pump on our land application vehicle.

Purpose & Need: The current land application vehicle along with all its components was purchased in 1986. All items including this vacuum pump have been well maintained in order to have lasted this long. However, this pump has been identified as a major point of failure with our ability to land apply biosolids in the narrow timeframe necessary. Cost noted below include the purchase and installation of the proposed new vacuum pump.

Impact on Future Operating Budget: The project will be funded by the capital improvement fund

External Funding Sources Available: None

Project Cost Summary

	FY17	FY18	FY19	FY20	FY21-26	Total CIP
Equipment cost	4,800					4,800
Installation cost	700					700
						0
						0
						0
						0
						0
Subtotal	5,500	0	0	0	0	5,500

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
Operating Cost						0
Capital Improvement						0
SRRF						0
ERF	5,500					5,500
Clean Water Fund						0
Subtotal	5,500	0	0	0	0	5,500



Figure No.1- Original vacuum pump on vehicle #22

Project Title: Collection System Flow Monitoring Equipment

Description & Scope: This expenditure is for the purchase of two ISCO 2100 Flow Modules. These will be deployed in the collections system to develop flow trends from various locations over time.

Purpose & Need: In the collection system we currently estimate flow, based on pump cycles, at 6 of our 8 lift stations. In addition, we monitor incoming flow to the treatment facility. However, much of the city does not flow through lift stations. We are unable to capture flow fluctuations in these areas. This equipment will allow us to capture flow trends in all areas of the system and better identify deteriorating portions of the system. Therefore allowing us to better target dollars spent on our infrastructure.

Impact on Future Operating Budget: A quotation was received for this item from the local municipal distributor. The estimated cost is \$12,500.

External Funding Sources Available: None

Isco 2100 Series Flow Modules



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment	13,000					13,000
Capital Improvement						0
SRRF						0
ERF						0
Clean Water Fund						0
						0
						0
Subtotal	13,000	0	0	0	0	13,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY21-26	Total CIP
Capital Improvement Source	13,000					13,000
						0
						0
						0
						0
Subtotal	13,000	0	0	0	0	13,000

Project Title: Roof Replacement Program-Wastewater Utility

Description & Scope: All roofs at the utility are at or nearing 20 years of age. Several buildings, including the main control building have active leaks. In order to responsibly maintain utility buildings we have worked with vendors to develop a roof replacement schedule starting in 2017 thru 2023.

Purpose & Need: As stated several building do have active leaks. All the obvious defects have been remedied to the best our budgetary ability. The program calls for the following: digester coping-'18, Main Control Bldg. - '19 Dig. Bldg.-'20, Prelim. Bldg.-'21, Pump Bldg's.-'22, Filtration Bldg. and digester covers in '23.

Impact on Future Operating Budget: Each year over the next six years we will have to budget for roof repairs. The total investment over this period will be \$381,000.

External Funding Sources Available: These facility improvements will be funded via the capital improvement fund.



Main Control Building-Roof

Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Construction		18,000	154,000	54,000	155,000	381,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
Subtotal	0	18,000	154,000	54,000	155,000	381,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund						0
Capital Improvement		18,000	154,000	54,000	155,000	381,000
SRRF						0
ERF						0
Clean Water Fund						0
Subtotal	0	18,000	154,000	54,000	155,000	381,000

Project Title: Vehicle #20 Replacement

Description & Scope: Vehicle #20 is a 2001 Ford F250 pickup. This has a crane and maintenance body on the chassis. We are seeking to replace this vehicle with a more appropriate and useful vehicle for the utility

Purpose & Need: As we perform sanitary sewer cleaning it is necessary that we use a separate vehicle (#26) to tow our trailer vacuum inductor (wet weight ~17,000lbs.) to every job site. Therefore collection system work is reliant on two separate pickup vehicles. I would propose to replace vehicle #20 with a vehicle that is properly rated to tow the vacuum inductor. Therefore collection system duties would be reliant on only one pickup style vehicle. Tools would always be onsite and we would not have to be continuously swapping vehicles dependent on tasks. The base cost for a vehicle chassis about \$55K. Add to that the cost of a maintenance body and cranes and the cost approaches \$85K.

Impact on Future Operating Budget: This cost is a budgetary place holder at this point and time. Monies for this project would come from ERF funds and capital reserve funding.

External Funding Sources Available: None.



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Equipment			85,000			85,000
						0
						0
						0
						0
						0
						0
Subtotal	0	0	85,000	0	0	85,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund						0
Capital Improvement			85,000			85,000
SRRF						0
ERF						0
Clean Water Fund						0
Subtotal	0	0	85,000	0	0	85,000

Project Title: Digester Coatings

Description & Scope: This proposed project would include preparation, coating application and testing of the interior of the two 60' diameter primary digesters. Each digester is capable of holding 600,000 gallons. Additionally, and in order to perform this work the covers may have to be removed. At this time the metal covers will also be inspected and repaired as needed.

Purpose & Need: The bituminous coating that remains is from the original install 35 years ago. A new coating system will preserve the integrity of these concrete structures for years to come. This is important due to the nature of the material that is being housed and treated in these tanks. This work can be scheduled to be done in the same year or multiple years.

Impact on Future Operating Budget: Monies for this project would come from reserve funding and capital funding accounts

External Funding Sources Available: None.



Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Maintenance			290,000	580,000		870,000
						0
						0
						0
						0
						0
Subtotal	0	0	290,000	580,000	0	870,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund						0
G.O. Bonds			290,000	580,000		870,000
SRRF						0
ERF						0
Clean Water Fund						0
Subtotal	0	0	290,000	580,000	0	870,000

Project Title: Vanderlip Lift Station Replacement

Description & Scope: This proposed project would include total reconstruct of this lift station its electrical controls along with a backup generator system.

Purpose & Need: Vanderlip lift station was originally constructed in 1965. It saw a major renovation in 1997 with new controls and a conversion to larger submersible pumps. Current controls mirror that of Oak Street lift station which are scheduled for replacement in 2016. Capacity and future development concerns were the driver for the updates in 1997 as is partially the case now. In recent years we have seen an increase in the amount of severe rain events. These events have overwhelmed the pumping capacity for brief periods. As part of the 1997 updates they increased the size of the pumps but did not increase the physical size of the pump station. All design and hydraulic concerns should be revisited and addressed as part of this upgrade.

Impact on Future Operating Budget: This cost is a budgetary place holder at this point and time. Monies for this project would come from reserve funding and capital funding accounts. If development were to occur prior to this project future capacities could be assessed to those parties.

External Funding Sources Available: None.



Lift Station Controls



Lift Station Wetwell/Valving

Project Cost Summary

Expense Category	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Maintenance			650,000			
Subtotal			650,000			650,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund						0
WW Capital Improv. Acct.			650,000			650,000
SRRF						0
ERF						0
Clean Water Fund						0
Subtotal	0	0	650,000	0	0	650,000

Project Title: Fire Hydrant Replacement
Description & Scope: Replacing six (6) fire hydrants.

Purpose & Need: Old hydrants or frozen hydrants. In the 1960s and 70s a brand of hydrant was installed in areas of town, which require a lot of maintenance. We'd be replacing these and other hydrants from the early 1900s.

Impact on Future Operating Budget: None

External Funding Sources Available: None



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment	20,000					20,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
						0
Subtotal	20,000	0	0	0	0	20,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Water Utility Fund	20,000					20,000
						0
						0
						0
						0
Subtotal	20,000	0	0	0	0	20,000

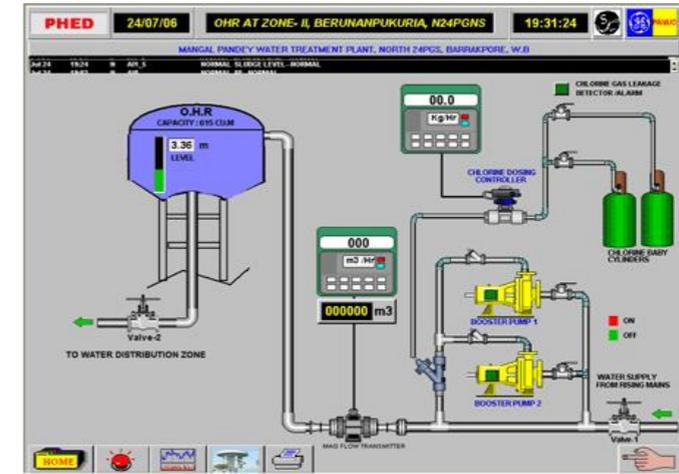
Project Title: SCADA Upgrade

Description & Scope: Current system was put in 2001. It replaced an old DOS operating system. We requested quote for a complete upgrade. Upgrade will include new computers with software, radio/antenna upgrades, new terminals at the water towers and wells, new SCADA

Purpose & Need: We got hit by lightning a few years ago, computers were replaced. The software was not compatible with what's on the market now. It has rendered a lot of our SCADA system programs inoperable. All current new software on SCADA is outdated on unsupported. The SCADA alarm is important to call water staff, it works, but does not give the proper level of information.

Impact on Future Operating Budget: None

External Funding Sources Available: None



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment						
Maintenance						
Land/R.O.W.						
Technology	61,400					61,400
Subtotal	61,400					61,400

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Water Utility Fund	61,400					61,400
						0
						0
						0
						0
Subtotal	61,400	0	0	0	0	61,400

Project Title: Well #5 Rehabilitation

Description & Scope: Contractor will pull pump and column pipe out of the bore hole. Bore hole is televised to assess condition and determine what method will be needed to rehab the bore hole. The column pipe and pump condition is assessed and deficiencies are corrected.

Purpose & Need: The DNR suggests cities pull each pump every 8-10 years. Well #5 and #7 were rehabbed in 2003. In 2015, well #7 lost pumping capacity due to iron buildup. Well #5 is identical to #7, and it's beginning to lose capacity to pump. Preventative maintenance is needed to avoid a complete pump failure, which would be a higher cost to repair

Impact on Future Operating Budget: Once a pump begins to lose capacity, more electricity is needed to pump and causes the pump to work harder and wear faster.

External Funding Sources Available: None.



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Construction						
Planning/Engineering						
Equipment						
Maintenance		90,000				
Land/R.O.W.						
Technology						
Other Expenses						
Subtotal	0	90,000	0	0	0	0

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund		90,000				90,000
						0
						0
						0
Subtotal	0	90,000	0	0	0	90,000

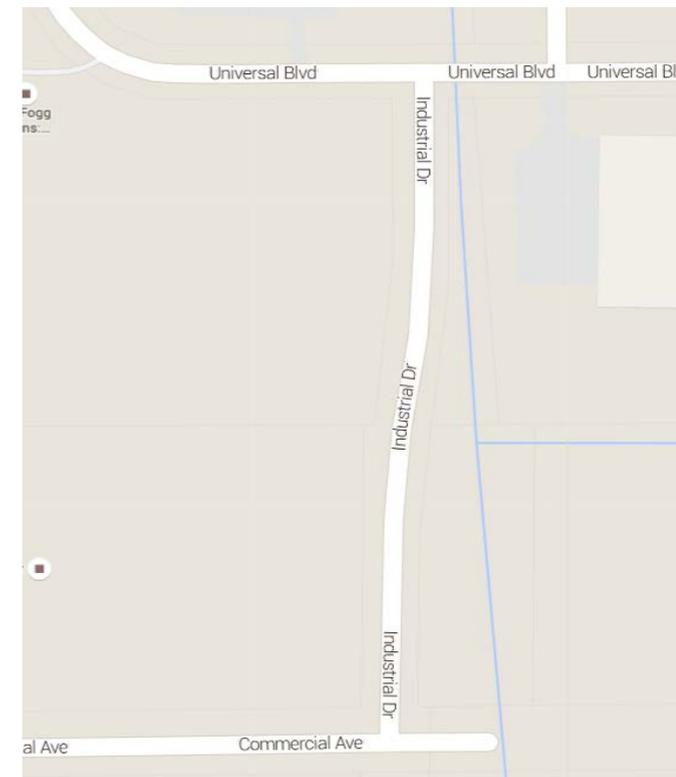
Project Title: Industrial Drive Water Main

Description & Scope: This section of water main continually breaks. Therefore, this section will need to be replaced.

Purpose & Need: This water main was installed in acidic soil and has an extensive break history. So much, that it has been turned off after the last time it has broken. This main is tied directly into Well #8; therefore, with it shut off, water going to this area must travel a different route to Newcomb Street and back into Executive Drive.

Impact on Future Operating Budget: None

External Funding Sources Available: None



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Construction		200,000				200,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
Subtotal	0	200,000	0	0	0	200,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
G.O.		200,000				200,000
Capital Improvement Fund						0
SRRF						0
ERF						0
Clean Water Fund						0
Subtotal	0	200,000	0	0	0	200,000

Project Title: Generator Backup for Well #7

Description & Scope: Installation of a generator back up at well #7

Purpose & Need: Well #7 has no power backup. This well is completely dedicated to our reservoir, which has four booster pumps that pump out of there to system. In summer we use 800,000 gallons in the reservoir because of peaks. If power is down at #7 for more than three (3) hours we wouldn't have boost pumps to provide capacity to the system at high peak times.

Impact on Future Operating Budget: None

External Funding Sources Available: None



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment		?				
Maintenance						
Land/R.O.W.						
Technology						
Subtotal						

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund		?				0
Capital Improvement						0
SRRF						0
ERF						0
Clean Water Fund						0
Subtotal	0	0	0	0	0	0

Project Title: Janesville Street Detention Basin

Description & Scope: This project will involve the design and construction of a new wet detention basin behind 656 South Janesville Street, northwest of the S Janesville Street and W Harper Street.

Purpose & Need: The goal of the basin is to reduce nonpoint source pollutant discharge to Whitewater Creek and help reduce total suspended solids (TSS) loadings. These types of detention basins are one of the most cost effective means of meeting the city's TSS reduction requirements.

Impact on Future Operating Budget: None

External Funding Sources Available: The city has applied for a DNR nonpoint source grant. If the grant is successful, the city will receive \$109,400 towards construction and engineering costs.



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Construction	196,300					196,300
Engineering	22,500					22,500
Land/R.O.W.	25,000					25,000
						0
						0
						0
						0
Subtotal	243,800	0	0	0	0	243,800

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
G.O.	121,900					121,900
DNR Grant	121,900					121,900
						0
						0
						0
Subtotal	243,800	0	0	0	0	243,800

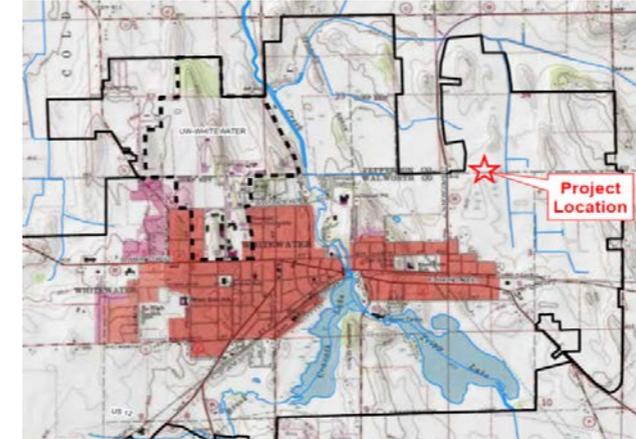
Project Title: Business Park Armory Detention Basin

Description & Scope: This project will involve the design and construction of a new wet detention basin southwest of the intersection of Endeavor Drive and Prospect Drive. The exact location has yet to be determined. Land purchase may be required.

Purpose & Need: The goal of the basin is to reduce nonpoint source pollutant discharge to Whitewater Creek and help reduce total suspended solids (TSS) loadings. These types of detention basins are one of the most cost effective means of meeting the city's TSS reduction requirements.

Impact on Future Operating Budget: None

External Funding Sources Available: The city has applied for a DNR nonpoint source grant. If the grant is successful, the city will receive \$150,000 towards construction and engineering costs.



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Construction	216,000					216,000
Engineering	24,000					24,000
						0
						0
						0
						0
Subtotal	240,000	0	0	0	0	240,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
G.O.	120,000					120,000
DNR Grant	120,000					120,000
						0
						0
						0
Subtotal	240,000	0	0	0	0	240,000

Project Title: Fremont Street Drainage

Description & Scope: The city owns a drain tile that extends south from Starin road, between N. Fremont Street and N. Park Street, which drains surface water from private property. This project would include the installation of additional drain tile to extend further south into the neighborhood. The cost estimate to extend the drain tile half way down the block is \$25,000. If the city extended it the entire block, we'd expect the price to be approximately \$50,000.

Purpose & Need: Residents of N. Fremont Street and N. Park Street have complained of two problems: 1) water bubbling out of the ground near the middle of the block at the backyard property lines, and 2) water seeping into basements through the floor. In regard to issue #1, after receiving reports and pictures of the water bubbling we dug and found a clay pipe approximately 2.5' below ground. The pipe was in very poor condition – we found numerous broken pieces. We televised the line to determine its length, but were only able to extend the camera approximately 120 linear feet before it was blocked on each end by mud/debris. We do not believe this solution would solve problem #2.

External Funding Sources Available: Since the solution to problem #1 would involve the extension of public infrastructure into private property, staff recommends a cost share with the residents by means of a special assessment.



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Construction	50,000					50,000
Maintenance						0
Land/R.O.W.						0
Technology						0
						0
						0
						0
Subtotal	50,000	0	0	0	0	50,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
CIF	25,000					25,000
Special Assessment	25,000					25,000
						0
						0
						0
Subtotal	50,000	0	0	0	0	50,000

Project Title: TIF #5 Development

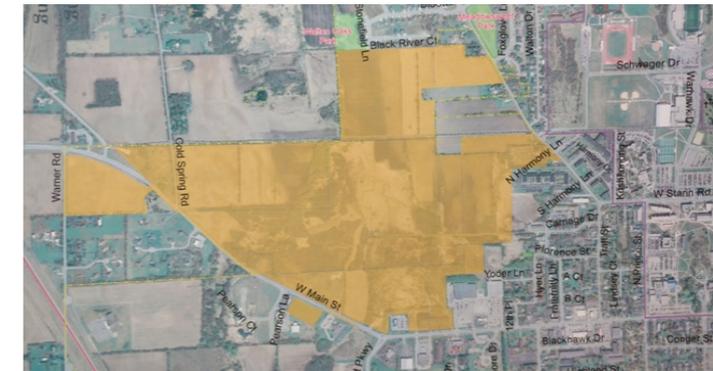
Description & Scope: To foster development, the road network needs to be installed with all utilities to service the area. Also the intersections at Indian Mound and Pearson would need to be redesigned

The TIF project Plan was amended to allow for these improvements and to fund incentives. Incentives will be on a pay as you go basis to insure that the increment is sufficient to pay the debt service.

Purpose & Need:

Impact on Future Operating Budget: All expenditures would be part of the TIF. Increment would be required to support the debt

External Funding Sources Available:



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Equipment	2,500,000	2,000,000				4,500,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Incentive Funds	1,000,000					1,000,000
						0
						0
Total	3,500,000	2,000,000	0	0	0	5,500,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund						0
Capital Improvement	3,500,000	2,000,000				5,500,000
SRRF						0
ERF						0
Clean Water Fund						0
Total	3,500,000	2,000,000	0	0	0	5,500,000

Project Title: TIF #6 Expansion - Single Family Home Project

Description & Scope: TIF #6's single family home project utilizes the lands north of HWY 12 along the western edge of the TIF. This is approximately 33 acres of developable lands. It is estimated that approximately 100 new residences could be constructed. Due to the current market conditions, the project could be phased to allow for growth on an incremental basis. Initially, an engineer's estimate of the costs is needed to determine the feasibility of the project

Purpose & Need: Address the need for additional mid range single family homes with potential for some limited neighborhood commercial/retail space.
□

Impact on Future Operating Budget: The growth will have an impact on city services. It will add additional street mileage, storm sewer, traffic, and sanitary sewer needs all associated with the growth of the area.

External Funding Sources Available: Various Enterprise Funds may be analyzed as a potential source of revenues for funding the projects.



Project Cost Summary

Expense Category	FY 17	FY 18	FY 19	FY 20	FY 21-26	Total CIP
Construction	1,000,000	1,500,000				2,500,000
Planning/Engineering						0
Land/R.O.W.						0
Other Expenses						0
						0
						0
						0
Subtotal	1,000,000	1,500,000	0	0	0	2,500,000

Funding Source Summary

Funding Source	FY17	FY18	FY19	FY20	FY 21-26	Total CIP
Capital Improvement Fund		1,500,000				1,500,000
Revenue Bonds						0
Enterprise Bonds						0
						0
						0
Subtotal	0	1,500,000	0	0	0	1,500,000