

CAPITAL IMPROVEMENT PROGRAM
Fiscal Years 2016 Through 2025

What Is It?

A Capital Improvement Program (CIP) is a multi-year plan that forecasts spending for all anticipated capital projects. The plan addresses both maintenance and replacement of existing infrastructure as well as the development of new facilities to accommodate future growth. It enables the City to identify needed capital projects and to coordinate financing and timing. An effective CIP consists of both an administrative process to identify the location, scale, and timing of needed capital projects and a fiscal plan to provide for the funding of those projects.

Why?

The business-like approach to municipal capital planning allows the City Council, as policy formulators and decision makers, and management to analyze projects, to review options and to forecast. The future fiscal impact of decisions made today can be better determined and known, thus enabling the City to be a more effective planner.

How?

Over the years, the City, utilizing its Pavement Surface Evaluation and Rating (PASER) system, has been able to maintain a very detailed database on the conditions of roadways. More recently, staff has begun the undertaking of updating the databases on the other infrastructure items, i.e., water and sewer lines, lift stations, stormwater, etc. This information becomes the cornerstone for the development of the CIP budget; therefore it is imminent that the City keeps these records up-to-date.

LIST OF FUNDING SOURCES

BUILDING REPAIR FUND (217).....	BRF
CABLE TV FUND (200).....	CTVF
CAPITAL IMPROVEMENT FUND (450).....	CIF
CASH ON HAND (OPERATING FUND).....	CASH
CLEAN WATER FUND.....	CFW
GENERAL FUND (100).....	GF
G.O. BONDS.....	G.O.
Grant.....	GRNT
INTERGOVERNMENTAL AGREEMENT.....	IGA
PARKLAND DEVELOPMENT FUND (245).....	PLDF
PRIVATE DONATIONS.....	DON
SEWER EQUIPMENT REPLACEMENT FUND.....	SERF
SEWER OPERATING ACCOUNT.....	SOA
STATE TRUST FUND or LOCAL BANK.....	TRUST/BANK
STORMWATER UTILITY FUND.....	SWU
STREET REPAIR FUND (280).....	SRF
UNKNOWN.....	?
WASTEWATER CAPITAL IMPROVEMENT ACCOUNT.....	WWC
WATER UTILITY FUND.....	WUF

City of Whitewater Capital Improvement Program 2016-2025

Dept.	Project	Funding Source	Summary Page	2016	2017	2018	2019	2020	Beyond 2020
Fire	SBA-35 @ \$6,000 each-5 each year	GF	1	\$ -	\$ -	\$ 30,000	\$ 60,000		
Fire	Thermal Imaging Camera-7 @ \$14,000 each-Start 2018	GF	2			\$ 14,000	\$ 28,000		
Fire	Extractor----Jaws of Life	GF	3					\$ 18,000	
				\$ -	\$ -	\$ 44,000	\$ 88,000	\$ 18,000	\$ -
Cable	Camcorder 1 Replacement	CTVF	4		\$ 5,000				
Cable	Camcorder 2 Replacement	CTVF	4			\$ 5,000			
				\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -
Admin	Voting Equipment	GF	5		\$ 20,000				
				\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -
Police	AR-15 Rifle Optics	GF	6	\$ 6,300					
Police	Gas Masks	GF	7	\$ 5,800					
Police	Recorder Upgrade	GF	8	\$ 22,000					
Police	Evidence Garage	CIF	9	\$ 60,000					
Police	IR Tactical Equipment	GF	10		\$ 5,000				
Police	Radio Voter or Digital P25 Conversion	GF	11		\$ 49,000				
Police	Speed Board	GF	12			\$ 5,000			
Police	Duty Pistol Replacement	GF	13			\$ 13,750			
Police	WISCOM and LAW Radio Channels	GF	14			\$ 29,000			
Police	Police Department Garage Expansion	CIF	15			\$ 225,000			
Police	Tasers	GF	16			\$ 8,000			
Police	Uninterruptible Power Supply	GF	17				\$ 38,000		
Police	Radios (Squad Cars)	GF	18					\$ 28,000	
				\$ 94,100	\$ 54,000	\$ 280,750	\$ 38,000	\$ 28,000	\$ -
Library	Library Expansion	G.O./Donation	19	\$ 15,000	\$ -		\$ 10,611,279		
				\$ 15,000	\$ -	\$ -	\$ 10,611,279	\$ -	\$ -
Facilities	Cravath Lakefront Center - Replace Tables	BRF	20	\$ 5,000					
Facilities	Municipal Building Keyless Entry	CIF	21	\$ 35,000					
Facilities	Cravath Lakefront Center - Replace Chairs	GF	22			\$ 5,000			
Facilities	Armory - Replace South Gym Interior Doors	BRF	23			\$ 10,000			
Facilities	City Hall - Replace Carpet & Flooring	BRF	24				\$ 15,000		
P&R	Walworth Avenue 2nd Dog Friendly Site	CIF	25	\$ 6,000					
P&R	Starin Park Wayfinding, Trash, & Recycling	CIF	26	\$ 24,000					
P&R	Aquatic Plant Harvester	CIF	27	\$ 125,000					
P&R	Starin Park - Outdoor Fitness Equipment	CIF	29	\$ 20,000					
P&R	Cravath - Fencing near Railroad Tracks	CIF	30	\$ 25,000					
P&R	Starin Park Splash Pad	G.O.	31			\$ 50,000	\$ 350,000		
P&R	Cravath - Amphitheater & Shade Structure	G.O.	32		\$ 50,000	\$ 200,000			
P&R	Trippe Lake Park - Parking Lot off Coburn Lane	CIF	33			\$ 75,000			
P&R	Effigy Mount Preserve - Kiosk	PLDF	34			\$ 10,000			
P&R	Minneiska Park - Playground	PLDF	35			\$ 30,000			
P&R	Moraine View Park - Bark Park Relocation/Addition	PLDF	36				\$ 10,000		
P&R	Moraine View Park - Playground Improvements	PLDF	37				\$ 40,000		
P&R	Skyway Park - Park Shelter	PLDF	NA						\$ 7,500
P&R	Big Brick Park - Park Shelter	PLDF	NA						\$ 10,000
P&R	Moraine View Park - Shelter/Restroom/Concessions Building	CIF, DON	38						\$ 205,000

Dept.	Project	Funding Source	Summary Page	2016	2017	2018	2019	2020	Beyond 2020
Bike Paths									
P&R	W Walworth - Hwy 12 to S Franklin (1.7 miles)	CIF	75	\$ 34,000					
P&R	Indian Mound - W Walworth to W Main (.54 miles)	CIF	75	\$ 10,800					
P&R	S Elizabeth to W Main (.76 miles)	CIF	75		\$ 15,200				
P&R	E Bluff - Elkhorn To Howard (.66 miles)	CIF	75	\$ 13,200					
P&R	N Fremont - W North to E Schwager (.8 miles)	CIF	75	\$ 16,000					
P&R	S Wisconsin - Willis Ray to Tripp Lake Park (.76 miles)	CIF	75	\$ 15,200					
P&R	N Newcomb - E Milwaukee to E Executive (.62 miles)	CIF	75	\$ 12,400					
P&R	Tratt - W Main to Bloomingfield (1.1 miles)	CIF	75		\$ 22,000				
P&R	W Main Traffic Study I (W Main - Indian Mound to S Franklin)	CIF	75		\$ 50,000				
Shared Use Paths									
P&R	S Ardmore Street Extension (.07 miles)	CIF	75	\$ 14,000					
P&R	East Clay St. Connector Path (.05 miles)	CIF	75	\$ 9,000					
P&R	Shaw Court Ext Path	CIF	75			\$ 80,784			
				\$ 366,616	\$ 139,217	\$ 462,802	\$ 417,019	\$ 2,020	\$ 222,500

Streets	Center/Boone/Summit	G.O.	39	\$ 813,300					
Streets	George St (North to terminus)	G.O.	40	\$ 771,935					
Streets	Asphalt Paving Machine	CIF	41		\$ 75,000				
Streets	Skidsteer	CIF	42	\$ 41,000					
Streets	STH 59 ROW Acquisition (Newcomb to Sunrise Ln.)	CIF	43	\$ 130,000					
Streets	Franklin Street/Ann Street Stormwater	WWC	44		\$ 633,415				
Streets	Clay St. (Dann to Roundabout)	G.O.	45		\$ 989,488				
Streets	Esterly St. (Milwaukee to Clay)	G.O.	46		\$ 159,300				
Streets	Milwaukee & Newcomb Intersection	G.O.	47					\$ 87,500	
Streets	Milwaukee St. (Newcomb to Roundabout)	G.O.	48					\$ 99,410	
				\$ 1,756,235	\$ 1,857,203	\$ -	\$ -	\$ 186,910	\$ -

Waste	Center/Boone/Summit	REV	39	\$ 381,650					
Waste	George St (North to terminus)	REV	40	\$ 471,250					
Waste	Manway Entry Construction/Storage Digester	WWC	49	\$ 48,000					
Waste	Oak Lift Station Control Upgrade	WWC	50	\$ 23,000					
Waste	Additional Truck With Lift Gate	SOA	51	\$ 30,000					
Waste	Facility Upgrades (RBC Replacement)	CWF	52	\$ 12,420,000	\$ 8,280,000				
Waste	Potable Well Rehabilitation	WWC	53	\$ 15,000					
Waste	Franklin Street/Ann Street Stormwater	G.O.	44		\$ 422,110				
Waste	Clay St. (Dann to Roundabout)	G.O.	45		\$ 374,214				
Waste	Esterly St. (Milwaukee to Clay)	G.O.	46		\$ 109,900				
Waste	Collection System Flow Monitoring Equipment	WWC	54		\$ 12,500				
Waste	Bioqas Sphere Coating	WWC	55			\$ 170,000			
Waste	Vehicle #20 Replacement	WWC	56				\$ 85,000		
Waste	Digester Coatings	WWC	57				\$ 290,000	\$ 290,000	\$ 290,000
Waste	Vanderlip Lift Station Upgrade	WWC	58				\$ 650,000		
Waste	Milwaukee & Newcomb Intersection	N/A	47					\$ 385,000	
Waste	Milwaukee St. (Newcomb to City Limits)	REV	48					\$ 488,750	
				\$ 13,388,900	\$ 9,198,724	\$ 170,000	\$ 1,025,000	\$ 1,163,750	\$ 290,000

Dept.	Project	Funding Source	Summary Page	2016	2017	2018	2019	2020	Beyond 2020
Water	Center/Boone/Summit	REV	39	\$ 449,750					
Water	George St (North to terminus)	REV	40	\$ 357,549					
Water	Replace Truck #13	WUF	59	\$ 27,000					
Water	Water System Modeling/Study	WUF	60	\$ 30,000					
Water	Industrial Drive watermain replacement (12" water main)	WUF	61	\$ 20,000					
Water	Tonka filter repairs on well #9 airwash	WUF	62	\$ 27,000					
Water	Clay St. (Dann to Roundabout)	N/A	45		\$ 755,460				
Water	Esterly St. (Milwaukee to Clay)	WUF	46		\$ 94,750				
Water	Franklin Street/Ann Street Stormwater	REV	44		\$ 399,800				
Water	Well #5 Rehab	WUF	63		\$ 90,000				
Water	Milwaukee & Newcomb Intersection	WUF	47					\$ 308,750	
Water	Milwaukee St. (Newcomb to Roundabout)	REV	48					\$ 461,250	
				\$ 911,299	\$ 1,340,010	\$ -	\$ -	\$ 770,000	\$ -

Storm	Center/Boone/Summit	REV	39	\$ 242,350					
Storm	George St (North to terminus)	REV	40	\$ 173,910					
Storm	Ann Street Detention Basin	G.O.,GRNT	64	\$ 197,000					
Storm	TMDL Storm Water Plan	IGA/GRNT	65	\$ 125,000					
Storm	Clay St. (Dann to Roundabout)	REV	45		\$ 491,844				
Storm	Esterly St. (Milwaukee to Clay)	REV	46		\$ 34,975				
Storm	Franklin Street/Ann Street Stormwater	G.O.	44		\$ 513,200				
				\$ 738,260	\$ 1,040,019	\$ -	\$ -	\$ -	\$ -

Grand Total for All Departments:

\$ 17,270,410	\$ 13,654,173	\$ 962,552	\$ 12,179,298	\$ 2,168,680	\$ 512,500
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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,	Dev. Agrmnt/	66	\$ 4,440,000					
CDA	TIF #5 CDA TIF Incentives	Borrowing	NA	\$ 1,000,000					
CDA	TIF #6 (Road Improvements, Public Utilities)	Dev. Agrmnt/	67	\$ 2,650,000					
CDA	TIF #6 CDA TIF Incentives	Borrowing	NA	\$ 750,000					
				\$ 8,840,000	\$ -				

CIF Projects - Cost estimates & priority

Project YR	Street	Project Scope	Cost Breakdown				*Total Cost
			Sewer	Water	Storm	Street	
2016	George Street	North Street to Cul-de-sac	\$471,250	\$357,549	\$173,910	\$771,935	\$1,774,644
2016	Center/Boone/Summit	Center (Franklin-Summit), Boone (High-Dead End), Su	\$381,650	\$449,750	\$242,350	\$813,300	\$1,887,000
2017	Franklin St & Ann St	Whitewater/Church St to Ann St. stormwater outfall	\$422,110	\$399,800	\$513,200	\$633,415	\$1,969,000
2017	Clay Street	Dann St to Roundabout	\$374,214	\$755,460	\$491,844	\$989,488	\$2,611,000
2017	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**

Project Title: Self-Regulated Breathing Apparatus

Description & Scope: Self-regulated breathing apparatus (SBA) will need to be replaced at a rate of five (5) new systems per year beginning in 2018.

Purpose & Need: This device is worn by firefighters to provide breathable air in an immediate danger to life and health atmosphere.

Impact on Future Operating Budget:

External Funding Sources Available: None

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment			30,000	60,000		90,000
Maintenance						0
Technology						0
Other Expenses						0
Subtotal	0	0	30,000	60,000	0	90,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund			30,000	60,000		90,000
Subtotal	0	0	30,000	60,000	0	90,000



Project Title: Thermal Imaging Cameras

Description & Scope: Purchase of a thermal imaging camera each year beginning in 2018 until each engine is equipped. Each camera costs \$14,000.

Purpose & Need: By rendering infrared radiation as visible light, such cameras allow firefighters to see areas of heat through smoke, darkness, or heat-permeable barriers. Thermal imaging cameras are typically handheld, but may be helmet-mounted. They are constructed using heat- and water-resistant housings, and ruggedized to withstand the hazards of firefighting operations.

Impact on Future Operating Budget:

External Funding Sources Available: None

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment			14,000	28,000		42,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	0	14,000	28,000	0	42,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund			14,000	28,000		42,000
Subtotal	0	0	14,000	28,000	0	42,000



Project Title: Extractor – Jaws of Life

Description & Scope: Purchase of one (1) hydraulic rescue tool for use by emergency rescue personnel to assist vehicle extrication of crash victims, as well as other rescues from small spaces. This type of tool includes cutters, spreaders, door busters and rams.

Purpose & Need: Without this type of tool rescuers must use saws for vehicle extrication. Saws can conduct sparks, which could start a fire, create loud sounds, stress the victim(s), and often cut slowly. Alternatively, rescuers could try to pry open the vehicle doors with a crowbar or Halligan bar, but this could compromise the stability of the vehicle, injure the victims further, or inadvertently trigger the airbags of the vehicle.

Impact on Future Operating Budget:

External Funding Sources Available: None

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction						0
Planning/Engineering						0
Equipment					18,000	18,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	0	0	0	18,000	18,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund					18,000	18,000
Subtotal	0	0	0	0	18,000	18,000



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.

External Funding Sources Available: None available



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment						0
Maintenance						0
Technology		5,000	5,000			10,000
Other Expenses						0
Subtotal	0	5,000	5,000	0	0	10,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Cable TV Fund		5,000	5,000			10,000
Subtotal	0	5,000	5,000	0	0	10,000

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 formal 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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment		20,000				20,000
Technology						0
Other Expenses						0
Subtotal	0	20,000	0	0	0	20,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund		20,000				20,000
Subtotal	0	20,000	0	0	0	20,000



Project Title: AR-15 Rifle Optics

Description & Scope: Purchase of eight (8) AR-15 Rifle Optic scopes for the city's long-barrel rifles

Purpose & Need: Rifles are used during high risk operations or when longer range accuracy is needed. The optics on the AR-15 rifles enhances the overall precision of the weapons, especially during low light operations. Price includes optical sight, batteries, and mounting hardware.

Impact on Future Operating Budget:

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

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction						0
Planning/Engineering						0
Equipment	6,300					6,300
Maintenance						0
Technology						0
Other Expenses						0
Subtotal	6,300	0	0	0	0	6,300

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund	6,300					6,300
Subtotal	6,300	0	0	0	0	6,300



Project Title: Gas Masks

Description & Scope: Purchase of thirty (30) gas masks to protect officers when chemical control agents are deployed during riots or tactical operations

Purpose & Need: Current gas masks are approximately 13-14 years old and their life expectancy is 10 years. New models have low profile design with better ventilation, are compatible with modern rifle sighting systems and Nuclear, Biological and Chemical (NBC) protective suits, and are hydration compatible.

Impact on Future Operating Budget: Life expectancy approximately 10 years.

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



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction						0
Planning/Engineering						0
Equipment	5,800					5,800
Other Expenses						0
Subtotal	5,800	0	0	0	0	5,800

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund	5,800					5,800
Subtotal	5,800	0	0	0	0	5,800

Project Title: Recorder Upgrade

Description & Scope: Upgrade HigherGround recorder for ability to capture phone, radio, text, GIS, video, and photo.

Purpose & Need: The current HigherGround recorder operates on Microsoft Windows XP. Microsoft will no longer offer any patches for software operating on this platform. Upgrade will be based upon the latest Microsoft server/operating system and will meet the future need to capture incoming data via text, GIS, video, etc... Upgrade will provide for redaction capabilities and for restrictions of information release such as juveniles, HIPPA, etc... Also provides quality assurance program, recording overlay, reporting and capture of incoming data in a variety of formats enabling compatibility with future 911 expectations.

Impact on Future Operating Budget:

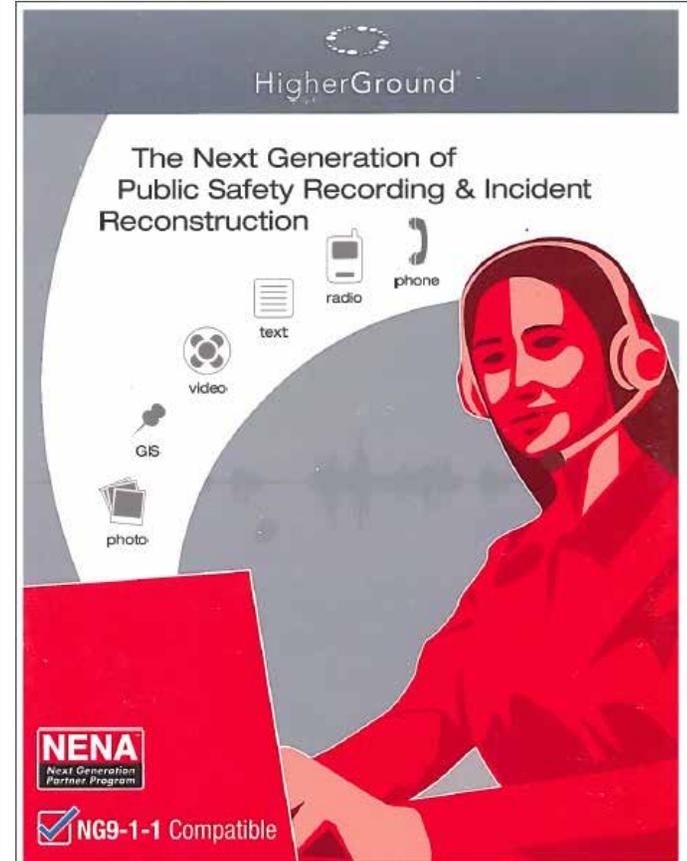
External Funding Sources Available: There are no known grants or outside funding sources available. If Communication Bridge is implemented a funding may come from UW-Police Services.

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment						0
Maintenance						0
Technology	22,000					22,000
Subtotal	22,000	0	0	0	0	22,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund	22,000					22,000
Subtotal	22,000	0	0	0	0	22,000



Project Title: Evidence Garage (Revised)

Description: 40 x 60 covered building, furniture and equipment for seized vehicles, large/bulky evidence and long-term evidence storage pending final court disposition.

Scope: Site work and ground prep, cement floor, building and materials, overhead doors, garage openers, and electrical

Purpose: To house and process the overflow, bulky/large, and long-term evidence and seized vehicles.

Need: 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. Additionally, 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 bulky items and large quantities of evidence.

Impact on Future Operating Budget: Maintaining seized vehicles in an enclosed and secure garage will notably impact the valuable 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 streets department.

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

Evidence Garage-evidence and seized vehicles.
Anticipated purchase date 2016

\$60,000



Evidence garage at the city maintenance facility with seized vehicles shown outside



Evidence garage at the city maintenance facility

Project Title: IR Tactical Equipment

Description & Scope: Purchase of two (2) rifles, two (2) handguns, sensor vests, and software. IR Tactical equipment is developed and manufactured in Whitewater as an interactive training tool that provides painful stimuli when struck during a firearms training scenario.

Purpose & Need: IR Tactical equipment allows officers to train at any time of day without unrealistic safety equipment. The equipment is laser and pain compliant through a vest so there aren't any expensive SIMS rounds to be accountable for specific to the environment. The department is moving away from SIMS training that requires significant protective equipment and attention to location of rounds adding time to the training process.

Impact on Future Operating Budget:

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



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction						0
Planning/Engineering						0
Equipment		5,000				5,000
Subtotal	0	5,000	0	0	0	5,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund		5,000				5,000
Subtotal	0	5,000	0	0	0	5,000

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.

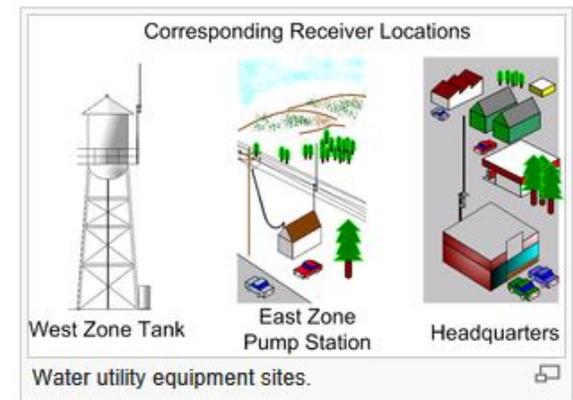
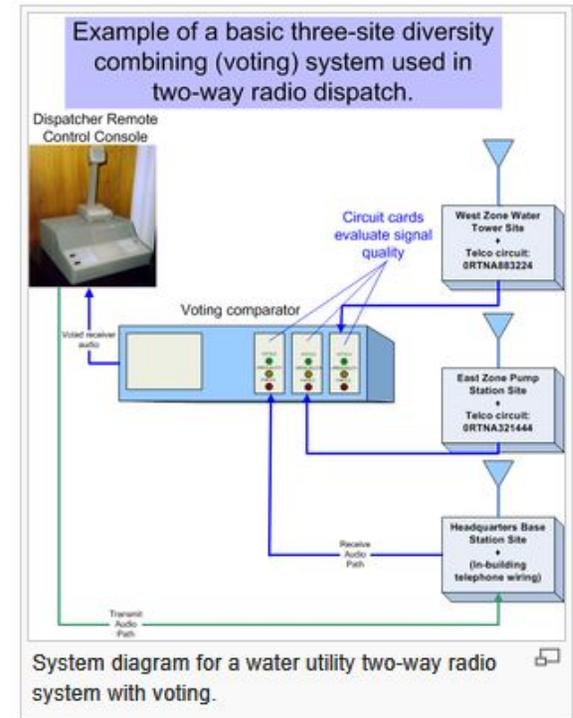
External Funding Sources Available: There are no known grants or outside funding sources available. If Communication Bridge is implemented a funding may come from UW-Police Services.

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment		49,000				49,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	49,000	0	0	0	49,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund		49,000				49,000
Subtotal	0	49,000	0	0	0	49,000



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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment			5,000			5,000
Maintenance						0
Technology						0
Other Expenses						0
Subtotal	0	0	5,000	0	0	5,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund			5,000			5,000
Subtotal	0	0	5,000	0	0	5,000



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.

Impact on Future Operating Budget:

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



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment			13,750			13,750
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	0	13,750	0	0	13,750

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund			13,750			13,750
Subtotal	0	0	13,750	0	0	13,750

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

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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment						0
Technology			29,000			29,000
Other Expenses						0
Subtotal	0	0	29,000	0	0	29,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund			29,000			29,000
Subtotal	0	0	29,000	0	0	29,000

WISCOM TOWER SITES



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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction			225,000			225,000
Planning/Engineering						0
Equipment						0
Other Expenses						0
Subtotal	0	0	225,000	0	0	225,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Capital Improvement Fund			225,000			225,000
Subtotal	0	0	225,000	0	0	225,000



Project Title: TASER

Description & Scope: Purchase of eight (8) TASERS, which are officers primary source of intermediate less-than-lethal protection to a threat against themselves or another individual.

Purpose & Need: TASERS were purchased over 10 years ago as an additional subject control option. Occasional unit replacements were needed over the years when a unit couldn't be repaired. New and upgraded X26P TASER has been ruggedized to be more water/shock resistant and has improved circuitry and software to enhance reliability.

Impact on Future Operating Budget:

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



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment			8,000			8,000
Technology						0
Subtotal	0	0	8,000	0	0	8,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund			8,000			8,000
Subtotal	0	0	8,000	0	0	8,000

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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment				38,000		38,000
Maintenance						0
Technology						0
Other Expenses						0
Subtotal	0	0	0	38,000	0	38,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund				38,000		38,000
Subtotal	0	0	0	38,000	0	38,000



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.



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

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment					28,000	28,000
Maintenance						0
Technology						0
Other Expenses						0
Subtotal	0	0	0	0	28,000	28,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund					28,000	28,000
Subtotal	0	0	0	0	28,000	28,000

Project Title: Library Building Expansion

Description & Scope: A planned building project adding approximately 20,000 sq. ft. to the existing building on the east side with parking and storm water detention to the south. In addition, there will be some remodeling to the existing building at the same time to complete the project vision to restructure the libraries collections and services.

Purpose & Need: Address the changing roles expected by the community of the library as a place to meet, learn, and research, supporting increasingly diverse technology needs and providing space for both collections and group learning opportunities.

Impact on Future Operating Budget: The increased size of the building will necessitate higher expenditures on utilities. No significant staffing increases are anticipated as a result of the larger building as the envisioned design moves existing youth services staffing into the expansion where youth services collections and classes will be located.

External Funding Sources Available: Planning costs have been and are being met by a separate building expansion fund managed and administered by the Library Board of Trustees. Some fundraising is expected to meet part of the costs for the actual building project.



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction				7,978,960		7,978,960
Planning/Engineering	15,000					15,000
Contingency				797,896		797,896
Furniture				624,360		624,360
Additional Costs/Fees				1,178,563		1,178,563
Temporary Facility				31,500		31,500
Subtotal	15,000	0	0	10,611,279	0	10,626,279

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
G.O. Bonds				5,305,640		5,305,640
Trustees Building Fund	15,000			158,739		
Fundraising				514,691		5,146,901
Subtotal	15,000	0	0	10,611,280	0	10,626,280

Project Title: Cravath Lakefront Community Center – Replace Tables

Description & Scope: Purchase of sixteen (16) 6’ round tables. Prices for tables vary from \$130 to \$326 depending on the quality. The facility currently has 6’ round tables that are original to the building and are in need of replacement.

Purpose & Need: Need to replace the tables as the existing tables are showing wear and losing edging.

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

External Funding Sources Available: N/A

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment	5,000					5,000
Maintenance						0
Other Expenses						0
Subtotal	5,000	0	0	0	0	5,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund	5,000					5,000
Subtotal	5,000	0	0	0	0	5,000



Project Title: Municipal Building Keyless Entry

Description & Scope: A number of city departments have inquired about keyless entry for the municipal building. We have had a couple of vendors take a look at the building to provide quotes.

Purpose & Need: 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 Innovation Center and has worked well in that application.

Impact on Future Operating Budget: N/A

External Funding Sources Available:

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment	35,000					35,000
Maintenance						0
Technology						0
Other Expenses						0
Subtotal	35,000	0	0	0	0	35,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
G.O. Bonds	35,000					35,000
Subtotal	35,000	0	0	0	0	35,000



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: N/A

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment			5,000			5,000
Maintenance						0
Technology						0
Other Expenses						0
Subtotal	0	0	5,000	0	0	5,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
General Fund			5,000			5,000
Subtotal	0	0	5,000	0	0	5,000



Project Title: Replace South Gym Doors - Armory

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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment			10,000			10,000
Maintenance						0
Technology						0
Other Expenses						0
Subtotal	0	0	10,000	0	0	10,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Building Repair Fund			10,000			10,000
Subtotal	0	0	10,000	0	0	10,000



Project Title: Municipal Building

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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment				15,000		15,000
Maintenance						0
Other Expenses						0
Subtotal	0	0	0	15,000	0	15,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Buiding Repair Fund				15,000		15,000
Subtotal	0	0	0	15,000	0	15,000

Project Title: Walworth Avenue 2nd Dog Friendly Site

Description & Scope: A request from the public was made to formalize the intersection of Walworth Ave and Indian Mound Parkway and the bridge into a pet friendly exercise area.

Purpose & Need: This would provide the city with an ADA compliant pet exercise area and encourage a recreational aspect to this location currently used by many residents. It would include a gate allowing public access, access for city vehicles and farm equipment while improving the aesthetics of this location.

Impact on Future Operating Budget: N/A

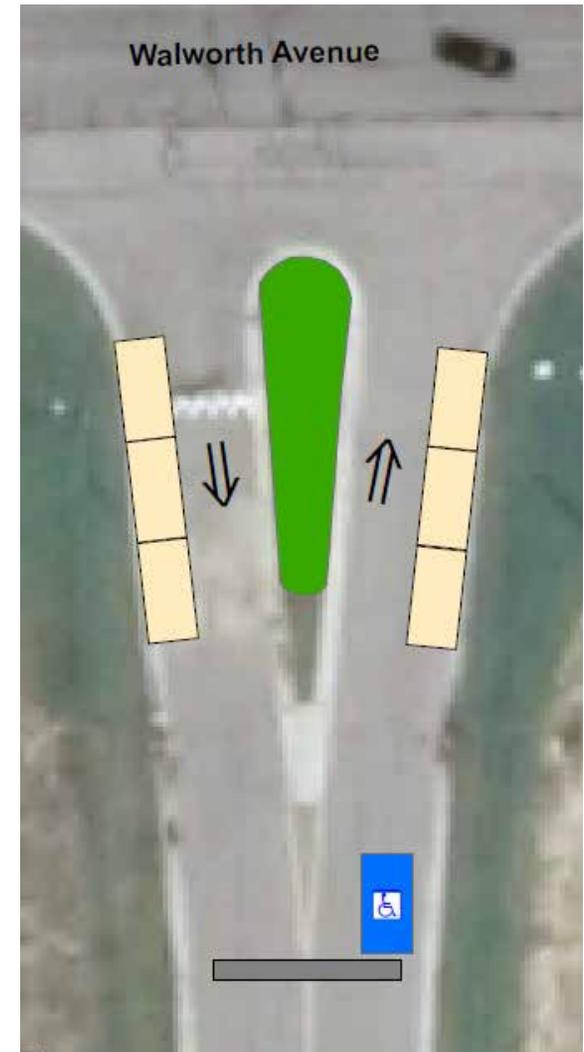
External Funding Sources Available:

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction						0
Planning/Engineering						0
Equipment	6,000					6,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	6,000	0	0	0	0	6,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
G.O. Bonds	6,000					6,000
Subtotal	6,000	0	0	0	0	6,000



Project Title: Starin Park Wayfinding, Trash, & Recycling

Description & Scope: Eight tournaments that brought 128 teams to Whitewater in 2015 were held in Starin Park. A need for way finding signage within the park and improved trash and recycling receptacles were two of the takeaways from comments received and staff review of operations

Purpose & Need: Wayfinding signs will direct visitors to resources within the park and having larger trash containers will assist in holding large events and aid staff in trash removal.

Impact on Future Operating Budget: N/A

External Funding Sources Available:

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment	24,000					24,000
Maintenance						0
Other Expenses						0
Subtotal	24,000	0	0	0	0	24,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
G.O. Bonds	24,000					24,000
Subtotal	24,000	0	0	0	0	24,000



Project Title: Aquatic Plant Harvester

Description & Scope: We currently contract with an outside vendor for harvesting services and budget \$22,545 for these services annually.

Purpose & Need: The contractor's harvester needs 30" of water to effectively cut aquatic plants. Aquarius Systems of North Prairie, WI has developed a harvester that operates in 18" of water.

Impact on Future Operating Budget: To move this work in-house it would require an operator of the harvester which would be a seasonal staff member (120 hours @ \$9.75) and trucking which would require a full-time DPW staff with CDL (120 hours). Over a 10 year period the City would save just under \$30,000 but would also improve our ability to more frequently harvest and harvest more of both lakes.

External Funding Sources Available:



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction						0
Planning/Engineering						0
Equipment	125,000					125,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	125,000	0	0	0	0	125,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
G.O. Bonds	125,000					125,000
Subtotal	125,000	0	0	0	0	125,000

Analysis of In-house Harvesting vs. Contracting

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		Totals
Contracting	\$22,545	\$23,221	\$23,918	\$24,636	\$25,375	\$26,136	\$26,920	\$27,728	\$28,559	\$29,416		\$258,453
Harvester	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$125,000
Operator (120 hours @ \$9.75)	\$1,170	\$1,205	\$1,241	\$1,278	\$1,317	\$1,356	\$1,397	\$1,439	\$1,482	\$1,527		\$13,413
Trucking (120 hours @ \$35)	\$4,200	\$4,326	\$4,456	\$4,589	\$4,727	\$4,869	\$5,015	\$5,165	\$5,320	\$5,480		\$48,148
Maintenance (3% of equip cost)	\$3,750	\$3,863	\$3,978	\$4,098	\$4,221	\$4,347	\$4,478	\$4,612	\$4,750	\$4,893		\$42,990
	\$134,120	\$9,394	\$9,675	\$9,966	\$10,265	\$10,573	\$10,890	\$11,216	\$11,553	\$11,900		\$229,551

\$28,903

Project Title: Starin Park – outdoor fitness equipment

Description & Scope: A growing trend is outdoor fitness equipment in a park setting. This equipment functions just as standard fitness center equipment, however, is designed to even handle the Wisconsin winter weather.

Purpose & Need: This equipment could be installed around the playground at Starin Park to serve those watching young children play on the traditional equipment or serve as another fitness opportunity for Seniors 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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment	20,000					20,000
Maintenance						0
Technology						0
Other Expenses						0
Subtotal	20,000	0	0	0	0	20,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Park Devel. Fund	20,000					20,000
Subtotal	20,000	0	0	0	0	20,000



Project Title: Cravath Lakefront Park - fence

Description & Scope: The construction of a decorative fence in Cravath Lakefront Park that serves as a barrier to the railroad tracks would reduce the need to install orange snow fence and provide a more ascetic amenity.

Purpose & Need: The fence would separate the railroad tracks from the active areas of the park.

Impact on Future Operating Budget: The fence would require occasional maintenance similar to ball park fencing.

External Funding Sources Available:

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Equipment	25,000					25,000
Maintenance						0
Other Expenses						0
Subtotal	25,000	0	0	0	0	25,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Capital Improvement Fund	25,000					25,000
Subtotal	25,000	0	0	0	0	25,000



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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction				350,000		350,000
Planning/Engineering			50,000			50,000
Equipment						0
Maintenance						0
Subtotal	0	0	50,000	350,000	0	400,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
G.O. Bonds			50,000	350,000		400,000
Subtotal	0	0	50,000	350,000	0	400,000



Project Title: Cravath Lakefront Park - 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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction			200,000			200,000
Planning/Engineering		50,000				50,000
Maintenance						0
Other Expenses						0
Subtotal	0	50,000	200,000	0	0	250,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
G.O. Bonds		50,000	200,000			250,000
Subtotal	0	50,000	200,000	0	0	250,000



Project Title: Trippe Lake Park – parking lot

Description & Scope: The master plan for Trippe Lake park identifies the creation of a parking area off of Coburn Lane that would serve visitors to the playground and shelter.

Purpose & Need: The construction of this lot would also provide the ability to include an accessible path to these amenities.

Impact on Future Operating Budget:

External Funding Sources Available:

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction			56,250			56,250
Planning/Engineering			18,750			18,750
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	0	75,000	0	0	75,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Capital Improvement Fund			75,000			75,000
						0
Subtotal	0	0	75,000	0	0	75,000



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	FY16	FY17	FY8	FY19	FY20-25	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	0	10,000	0	0	10,000

Funding Source Summary

Funding Source	FY16	FY17	FY8	FY19	FY20-25	Total Source
Parkland Development Fund			10,000			10,000
						0
Subtotal	0	0	10,000	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	FY16	FY17	FY18	FY19	FY20-25	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	0	30,000	0	0	30,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Park Devel. Fund			30,000			30,000
						0
Subtotal	0	0	30,000	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	FY16	FY17	FY18	FY19	FY20-25	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	0	10,000	0	10,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Parkland Development Fund				10,000		10,000
						0
Subtotal	0	0	0	10,000	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	FY16	FY17	FY18	FY19	FY20-25	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	0	40,000	0	40,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Park Devel. Fund				40,000		40,000
						0
Subtotal	0	0	0	40,000	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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction					200,000	200,000
Planning/Engineering					5,000	5,000
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	0	0	0	205,000	205,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Capital Improvement Fund					105,000	105,000
Private Donations					100,000	
						0
Subtotal	0	0	0	0	205,000	205,000

Project Title: Center Street/Boone Ct./ Summit Street Reconstruction – Center Street work from Franklin Street to Summit Street- Including the “T” area of Summit Street from Conger St. to the South to Highland St. Boone Ct. reconstruction north of Center Street. Boone St. new storm sewer and road surface south from Center St. to High St.

Description & Scope: Boone Court, Center Street, and the the “T” section on Summit Street needs a complete rebuild.

Purpose & Need: The Streets division has spent a lot of maintenance budget on this street over the past years, as has all of the utilities to maintain the street. The efforts continue to go by the wayside as the street is in extreme need of repair due to the base course continuing to give way and create problems, along with undersized stormwater system and bad curbing throughout the street project scope area.

Impact on Future Operating Budget: Significantly less money will need to be spent to maintain the street and utilities.



Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction	1,415,250					0
Planning/Engineering	471,750					0
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	1,887,000	0	0	0	0	0

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
CIF	813,300					0
Sewer	381,650					
Water	449,750					
Storm	242,350					0
Subtotal	1,887,050	0	0	0	0	0

Project Title: George Street Reconstruction

Description & Scope: The street needs a complete rebuild, which will now include curb and gutter.

Purpose & Need: The Streets division has spent a lot of maintenance budget on this street over the past years, as has the other utilities to maintain the street. The efforts continue to go by the wayside as the street is in extreme need of repair due to the base course continuing to give way and create problems. There are no curb and gutters which allows flooding in area.

Impact on Future Operating Budget: Significantly less money will need to be spent to maintain the street and utilities. When flooding occurs city staff will pump water out of problem areas into the creek



Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction	1,330,983					1,330,983
Planning/Engineering	443,661					443,661
Equipment						0
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	1,774,644	0			0	1,774,644

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
CIF	771,935					771,935
Storm	471,250					471,250
Sewer	357,549					1,243,185
Water	173,910					173,910
Subtotal	1,774,644	0		0	0	1,774,644

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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Purchasing Equipment		75,000				75,000
Subtotal		75,000				75,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
CIP Money		75,000				75,000
Subtotal		75,000				75,000

Project Title: Demo Bobcat Skid Steer Loader

Description & Scope: This would be a demo skid steer from this past year. It will be replacing a 21 year old skid steer that we will be trading in on this unit.

Purpose & Need: The skid steer is used for every season. It is a very needed piece of equipment and is used for every aspect of our daily operations. This unit is used by all DPW departments and utilities. I do not believe there is a week that goes by when a skid steer is not out in the public doing a wide variety of jobs.

Impact on Future Operating Budget: Purchasing this demo unit this year would also allow us to get into a program where for \$1000.00 each year, we could get a brand new skid steer; thus eliminating the need to purchase these units in the future. The money for replacement would come out of our yearly budget dollars from the different areas that this unit is used in.

External Funding Sources Available: We will trade in our oldest skid steer which is 21 years old. It has many hours on it and is not comfortable for staff to drive in cold weather; due to the unit being purchased without heat.



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Purchasing Equipment	41,000					41,000
Subtotal	41,000	0	0	0	0	41,000

Funding Source Summary

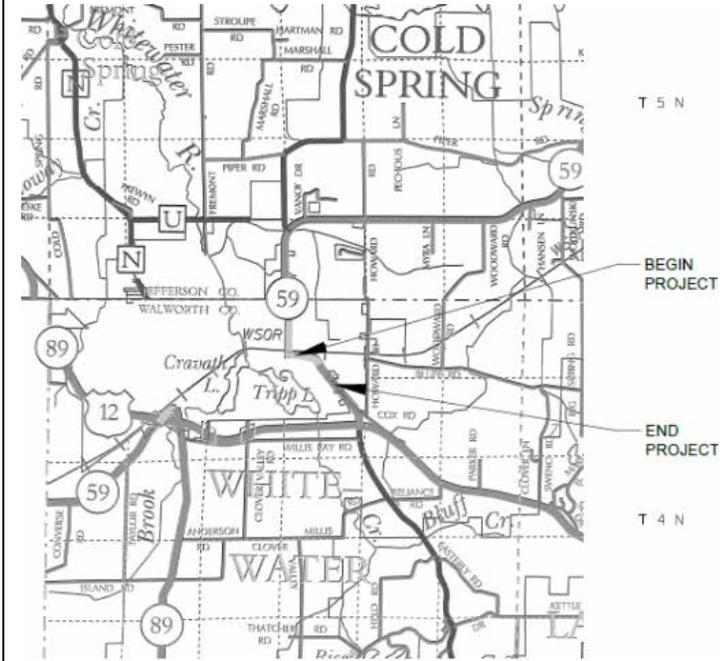
Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
CIP Money	41,000					41,000
Subtotal	41,000	0	0	0	0	41,000

Project Title: STH 59 (Newcomb to Sunrise Ln.) Property Acquisition

Description & Scope: WisDOT plans to reconstruct this portion of STH 59 in 2020. It is the city's responsibility to purchase the necessary easements and right-of-way for the project. The City has contracted with MSA Professionals to conduct the work.

Purpose & Need: The street will be widened between Newcomb Street and the roundabout to allow parking on both sides of the road.

Impact on Future Operating Budget: All costs associated with this project, including property valuation and acquisition, will be reimbursed 100% by WisDOT.



Expense Category	FY16	FY17	FY18	FY19-25	Total CIP
Construction					0
Planning/Engineering					0
Equipment					0
Maintenance					0
Land/R.O.W.	130,000				130,000
Technology					0
Other Expenses					0
Subtotal	130,000			0	130,000

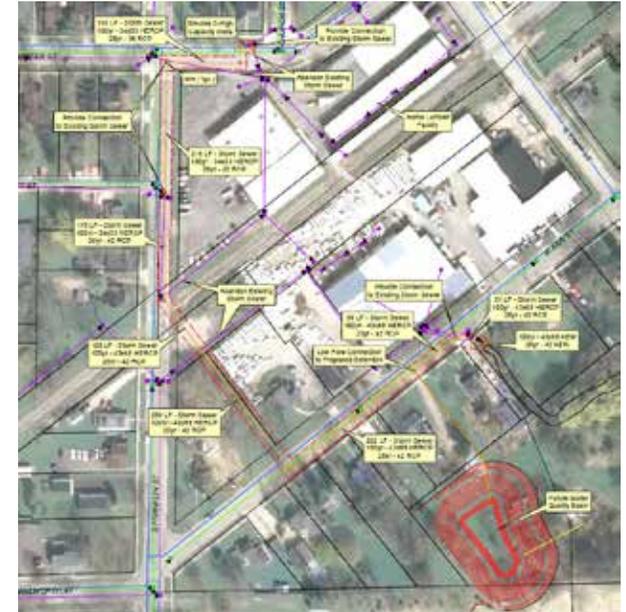
Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19-25	Total Source
CIF	130000				130,000
Subtotal	130,000	0	0	0	130,000

Project Title: Franklin Street/Ann Street Stormwater

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.



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction		1,476,394				1,476,394
Planning/Engineering		492,131				492,131
Equipment						0
Other Expenses						0
Subtotal	0	1,968,525	0	0	0	1,968,525

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Water Utility Fund		399,800				399,800
Sanitary Sewer Fund		422,110				
Steets		633,415				
Storm		513,200				513,200
Subtotal	0	1,968,525	0	0	0	1,968,525

Project Title: Clay Street Reconstruction (Esterly Street to Roundabout)
Description & Scope: The scope of the project will be from Esterly Street to the Roundabout. The street needs a complete rebuild, which will include curb and gutter.
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.

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction		1,958,255				1,958,255
Planning/Engineering		652,752				652,752
Equipment						
Maintenance						
Land/R.O.W.						
Technology						
Other Expenses						
Subtotal		2,611,006	0	0	0	2,611,006
Funding Source Summary						
Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Capital Improvement Fund		989,488				989,488
Sewer		374,214				374,214
Storm		491,844				1,363,702
Water		755,460				755,460
Subtotal		2,611,006	0	0	0	2,611,006

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.



Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction		299,194				299,19
Planning/Engineering		99,731				99,73
Equipment						
Maintenance						
Land/R.O.W.						
Technology						
Other Expenses						
Subtotal		398,925	0	0	0	398,92

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Capital Improvement Fund		159,300				
Storm		34,975				
Sewer		109,900				
Water		94750				
Subtotal		398,925	0	0	0	398,92

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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction					585,938	0
Planning/Engineering					195,313	0
Equipment						0
Land/R.O.W.						0
Subtotal	0	0	0	0	781,250	0

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Capital Improvement Fund					87,500	0
Sewer					385,000	
Storm						
Water					308,750	308,750
Subtotal	0	0	0	0	781,250	781,250

Project Title: Milwaukee Street Reconstruction – Newcomb Street 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.

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-24	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	0	0	1,049,410	1,049,410

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-24	Total Source
Capital Improvement Fund					99,410	99,410
Storm						0
Sewer					488,750	488,750
Water					461,250	461,250
Subtotal	0	0	0	0	1,049,410	1,049,410



Project Title: Digester Storage Tank Manway Installation

Description & Scope: Since the installation of the aluminum dome cover (2010) on the storage tank we have been unable to safely gain entry into this tank for routine cleaning and inspection. The quoted work would provide for the installation of a 30" ductile iron manway to allow for safe and efficient entry into the tank. The work will include site excavation, restoration and paving as needed. In addition to the storage tank we have two digesters with similar concerns for safe entry. Over the course of three years we would like to install a manway in each tank.

Purpose & Need: Without proper access routine maintenance and inspection will not occur. The manway will also provide for a more efficient means of routing temporary piping during cleaning events. It is our hope that we can add one of these access points per year over 3 years to improve access for safety during periodic maintenance.

Impact on Future Operating Budget: The city will install one entrance in 2015 and two in 2016.

External Funding Sources Available: None

Project Cost Summary

Funding	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Operating Cost						
WW Capital Improvement Account	48000					0
SRRF						
ERF						
Clean Water Fund						
Subtotal	48000	0	0	0	0	48,000



Digester Complex



Biosolids storage tank

Project Title: Oak Street lift station control upgrade

Description & Scope: The controls at this lift station were installed in 1988. This upgrade will include a new PLC controller, new local operator interface and all ancillary electrical components with the goal being reliable service for another 20yrs.

Purpose & Need: Current programming and controls do not allow the level of data collection and trending that has become standard in the industry and at Whitewater. In addition, the current controller has seen diminishing capabilities for support and repair. This updated system will allow staff to more quickly identify mechanical issues and plan for a more efficient response if needed.

Impact on Future Operating Budget: Per received quotes the cost for this work is anticipated to be \$21,000.00.

External Funding Sources Available: None

Project Cost Summary

Funding	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Operating Cost						
WW Capital Improvement Account	23,000					23,000
SRRF						
ERF						
Clean Water Fund						
Subtotal		0	0	0	0	23,000



Exterior view



Interior view

Project Title: Pickup truck w/lift gate

Description & Scope: The Utility is looking to purchase a new pickup truck with a lift gate that will be used for routine tasks at our facility, lift stations, land application sites and other utility business.

Purpose & Need: It is not uncommon for the utility to use our department car for purposes that are mechanical in nature or have staff unload and load one of our emergency service trucks several times in one day to meet varied uses. Having an additional pickup will provide for more efficiency and safety though the addition of a lift gate.

Impact on Future Operating Budget: Quotes for a new 3/4T pickup truck w/lift gate are approx. \$30,000.00. Pricing and final purchasing will be done through the State of WI purchasing system.

External Funding Sources Available: None

Project Cost Summary

Funding	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Sewer Operating Account	30,000					
Capital Improvement						0
SRRF						
ERF						
Clean Water Fund						
Subtotal	30,000	0	0	0	0	0



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.

Funding	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Operating Cost						
Capital Improvement						
SRRF						
ERF						
Clean Water Fund	12,420,000	8,280,000				
Subtotal	12,420,000	8,280,000			0	20,700,000



Project Title: Potable Well Rehabilitation/Drinking Water Supply

Description & Scope: Project involves the replacement of the well pump along associated adaptors, appropriate testing and disinfection.

Purpose & Need: Within the last year we have had two bad tests for total coliform bacteria with the private well here at the Wastewater Utility. The utility has been bringing in bottled water to drink for well over 10 years. Our current well pump is 34 years old and contractors have been unable to free the unit from the existing well casing. The repair to this well will be more substantial as excavation and casing rework is expected to correctly get this well up to standards. In addition, we will be seeking to treat the well water so that it is fit for drinking and routine cleaning purposes. We will be working with well contractors and water treatment vendors for this proposed work. This cost for this work will be funded via the Capital Improvement Fund.

Impact on Future Operating Budget:

External Funding Sources Available: None

Project Cost Summary

Funding	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Operating Cost						
Capital Improvement	15,000					15,000
SRRF						
ERF						
Clean Water Fund						
Subtotal	15,000					15,000



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

Project Cost Summary

Funding	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Operating Cost						
Capital Improvement		12,500				12,500
SRRF						
ERF						
Clean Water Fund						
Subtotal						12,500

Isco 2100 Series Flow Modules



Project Title: Biogas Sphere Coating

Description & Scope: This proposed project would include preparation, coating application and thickness testing of the interior and exterior of the 35' diameter Hortonsphere. The gas holding sphere was put online in 1982. It has not been recoated since that time. This work will occur only if an inspection, planned for 2017, proves the structure is sound. As the pictures show the sphere does show signs of deterioration and will become unusable if not coated in the near future. Currently we do not have the ability to utilize this structure due to aging associated equipment. However, if the corrosion is allowed to persist this structure will not be a future option for gas handling.

Purpose & Need: The project would be funded by operating revenue via the capital improvement fund.

Impact on Future Operating Budget: None

External Funding Sources Available: None

Project Cost Summary

Funding	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Operating Cost						
Capital Improvement			170,000			170,000
SRRF						
ERF						
Clean Water Fund						
Subtotal			170,000			170,000



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

Funding	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Operating Cost						
Capital Improvement				85,000		85,000
SRRF						
ERF						
Clean Water Fund						
Subtotal				85,000		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

Funding	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Operating Cost						
Capital Improvement				290,000	580,000	870,000
SRRF						
ERF						
Clean Water Fund						
Subtotal				290,000	290,000	870,000

Project Title: Replacement Truck #13

Description & Scope: Four wheel drive pickup truck will be purchased.

Purpose & Need: The Water Superintendent currently drives a 2001 Ford Escape. The superintendent does a good deal of field work and is having to haul equipment such as pipes, shovels, curb keys, and a frost thaw machine in the backseat. The vehicles are also used to pull a trailer that is filled with equipment. The current vehicle also has a bad transmission. An all wheel drive truck is needed for this type of work.

Impact on Future Operating Budget: None

External Funding Sources Available: None

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction						0
Planning/Engineering						0
Vehicle	27,000					27,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	27,000	0	0	0	0	27,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Water Utility Fund	27,000					27,000
						0
Subtotal	27,000	0	0	0	0	27,000

Project Title: Water System Modeling Study

Description & Scope: City would hire an engineering firm to conduct the study.

Purpose & Need: The last system modeling was conducted in 1965. These studies are a best practice and it is recommended that communities update their studies every five (5) years.

This study will be the first step in determining replacement of our Starin Park water tower, it will provide information on what infrastructure will need to be replaced, if anything is undersized, will help determine needed improvements based on different growth scenarios, as well as additional beneficial information.

Impact on Future Operating Budget: None

External Funding Sources Available: None

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25
Construction					
Planning/Engineering	30,000				
Subtotal	30,000	0	0		0

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25
Water Utility Fund	30,000				
Subtotal	30,000	0	0		0

Project Title: Industrial Drive Water Main Replacement

Description & Scope: The section of water main that continually breaks is only about 100 lf. Therefore; we have budgeted to replace this 100' section with a pipe that will withstand the acidic soil.

Purpose & Need: This water main was installed in acidic soil and has an extensive break history. So much, that is has been turned off after the last time is 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 St. and back into Executive Dr.

Impact on Future Operating Budget: None

External Funding Sources Available: None

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25
Construction	20,000				
Planning/Engineering					
Equipment					
Subtotal	20,000	0	0		0

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25
Water Utility Fund	20,000				
Subtotal	20,000	0	0		0

Project Title: Tonka filter repairs on wells #9 airwash

Description & Scope: Will replace entire blower at #7. At well #9 we must dig down to the air pipe and filter nozzles to replace air pipe and manifolding. Included in the price is repair kits for pneumatic valves.

Purpose & Need: One of the processes, Simi-wash, in well #9 currently does not operate due to normal wear. This process introduces air into the backwash process to help scour and clean the filter media. At well #7, the Simi-wash system also does not work due to the blower motor needing replacement.

Impact on Future Operating Budget: None

External Funding Sources Available: None

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction						0
Planning/Engineering						0
Equipment	27,000					27,000
Maintenance						0
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	27,000	0	0		0	27,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Water Utility Fund	27,000					27,000
						0
Subtotal	27,000	0	0		0	27,000

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. Last year 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	FY16	FY17	FY18	FY19	FY20-25	Total CIP
Construction						0
Planning/Engineering						0
Equipment						0
Maintenance		90,000				90,000
Land/R.O.W.						0
Technology						0
Other Expenses						0
Subtotal	0	90,000	0	0	0	90,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-25	Total Source
Water Utility Fund		90,000				90,000
						0
Subtotal	0	90,000	0	0	0	90,000



Project Title: Ann Street Detention Basin

Description & Scope: The Ann Street basin will involve construction of a new wet basin located southeast of the intersection of Franklin Street and Ann Street on the north side of the Cravath Lake.

Purpose & Need: The goal of the basin is to reduce non point source pollutant discharge and help reduce total suspended solids (TSS) loadings.

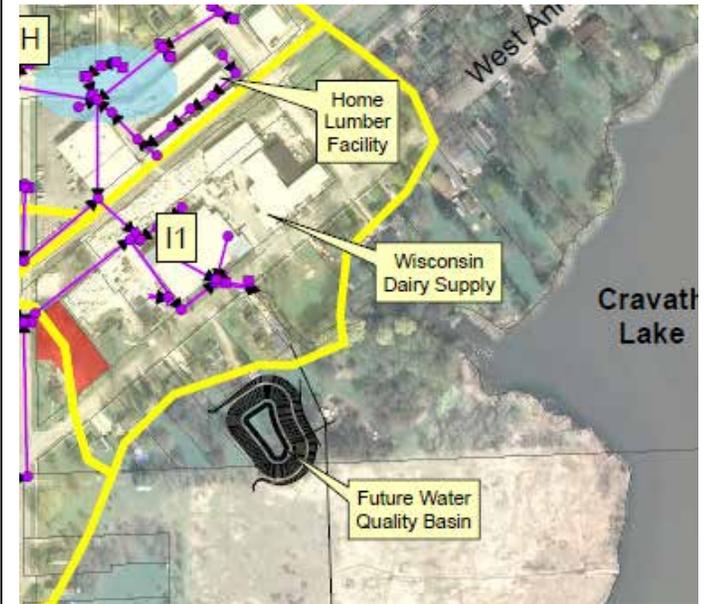
External Funding Sources Available: The City applied for a DNR grant to fund this project. If awarded the grant, it would be recommended to include this project in the bid for the Franklin St./Ann St. stormwater project.

Project Cost Summary

Expense Category	FY16	FY17	FY18	FY19-26	Total CIP
Construction	167,450				167,450
Planning/Engineering	29,550				29,550
Equipment					0
Maintenance					0
Land/R.O.W.					0
Technology					0
Other Expenses					0
Subtotal	197,000	0	0	0	197,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19-26	Total Source
DNR Grant	98,500				98,500
State Trust Fund/Local Bank	98,500				
					0
Subtotal	197,000	0	0	0	197,000



Project Title: TMDL Water Plan

Description & Scope: The City and UW-W jointly won a DNR grant to complete a Total Maximum Daily Load Water Plan. The plan will assist the city in meeting the Rock River Basin TMDL requirements. The City and UWW completed storm water pollution management plans in 2008. Both plans were subsequently updated in 2011. Both the City and UWW will need to close the Pollutant Reduction Gap that exists between the MS4 Existing Conditions percent reductions and required TMDL percent reductions requirements.

Purpose & Need:

Impact on Future Operating Budget: None

External Funding Sources Available: City received a \$84,700 grant from the DNR to complete this study. The University of Wisconsin-Whitewater will also be receiving a TMDL plan from this project, so they will participate in the cost.

Expense Category	FY16	FY17	FY18	FY19-26	Total CIP
Construction					0
Planning/Engineering	121,000				121,000
Subtotal	121,000	0	0	0	121,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19-26	Total Source
UW-W	TBD				0
Grant	84,700				
General Fund	36,300				36,300
Subtotal	121,000	0	0	0	121,000

Project Title: TIF #5 Expansion- Road Construction; Public Facilities

Description & Scope: TIF #5 will require the installation of several road projects. These include but are not limited to a new loop road, re-alignment of the intersections of Business 12 and both Indian Mound Parkway and Pearson Lane. The draft plan includes a continuous turn land (TWLTL) on Business 12. Due to the cost/scope of the project coupled with the limited expenditure period remaining in the TIF district, phasing of the project may be considered.

Purpose & Need: Address the need for additional commercial/retail space and the expansion for the TIF district for future growth.

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. Revenue Bonds may also be considered for the project.

Expense Category	FY16	FY17	FY18	FY19	FY20-26	Total CIP
Construction	4,300,000					4,300,000
Planning/Engineering	100,000					100,000
Land/R.O.W.						0
Other Expenses						0
Subtotal	4,400,000	0	0	0	0	4,400,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-26	Total Source
G.O. Bonds	2,650,000					2,650,000
Revenue Bonds	0					
Enterprise Funds	1,750,000					1,750,000
Subtotal	4,400,000	0	0	0	0	4,400,000

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	FY16	FY17	FY18	FY19	FY20-26	Total CIP
Construction		1,000,000	1,500,000			2,500,000
Planning/Engineering	150,000					150,000
Land/R.O.W.						0
Other Expenses						0
Subtotal	150,000	1,000,000	1,500,000	0	0	2,650,000

Funding Source Summary

Funding Source	FY16	FY17	FY18	FY19	FY20-26	Total Source
G.O. Bonds	150,000	1,000,000	1,500,000			2,650,000
Revenue Bonds	0					
Enterprise Funds	0					0
Subtotal	150,000	1,000,000	1,500,000	0	0	2,650,000

2016-2025 CIP

BIKE & MULTI-USE PATHS



-  Multi-use Current
-  On-street Current
-  Multi-use Future
-  On-Street Future
-  City Limits

