

Capital Improvement Program 2014-2018 - Programmed

Department/Project	2014	2015	2016	2017	2018
Cable TV					
Sony NXSU Camcorder w/ Hard Drive	\$ 5,000				
Camcorder 1 Replacement				\$ 5,000	
Camcorder 2 Replacement					\$ 5,000
Cable TV Totals:	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ 5,000

Finance					
Ride Share Taxi	\$ 54,000				
Records Management Software			\$ 70,000		
Finance Totals:	\$ 54,000	\$ -	\$ 70,000	\$ -	\$ -

Information Technology Totals:					
Municipal Broadband Network	\$ 50,000				
VOIP Phone System	\$ 75,000				
Information Technology Totals:	\$ 125,000	\$ -	\$ -	\$ -	\$ -

Neighborhood Services					
Scanner/Plotter		\$ 7,000			
Scanning Services		\$ 5,000			
Neighborhood Services Totals:	\$ -	\$ 12,000	\$ -	\$ -	\$ -

Parks & Recreation					
<i>Facilities:</i>					
Community Building					
Re-shingle Roof	\$ 15,000				
Siding		\$ 15,000			
Air Conditioner & Furnace (*Trane)					\$ 10,000
Lakefront Community Center					
Air Conditioning & Furnace (*Trane)				\$ 15,000	
Replace Chairs					\$ 5,000
Armory					
Sand & Repaint Gym Floor	\$ 8,000				
Replace South Gym Interior Doors					\$ 10,000
White Building					
Replace Carpet		\$ 6,000			
Re-shingle Roof			\$ 15,000		
Municipal Building					
Rooftop Replacement (*Trane)	\$ 165,000				
HVAC Controls (*Trane)	\$ 95,000				
Library					
Air Conditioning (*Trane)	\$ 20,000				
<i>Parks:</i>					
Moraine View Park					
Bark Park Relocation	\$ 10,000				
Shelter/Restroom Building		\$ 200,000			
Starin Park					
Scoreboards -LL & N	\$ 10,000				
Ball Diamonds-Fence Improvements	\$ 20,000				
Outdoor Fitness Equipment			\$ 20,000		

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Department/Project	2014	2015	2016	2017	2018
Cravath Lakefront Park					
Fencing - Railroad Tracks			\$ 25,000		
Splash Pad			\$ 750,000		
Amphitheater & Shade Structure				\$ 400,000	
Trippe Lake Park					
Fishing Pier		\$ 5,000			
Parking Lot & Sledding Hill					\$ 75,000
Effigy Mound Preserve					
Signage		\$ 15,000			
Kiosk					\$ 10,000
Clay Street Nature Park					
Fishing Pier		\$ 5,000			
Field of Dreams					
Parking Lot & Baseball Field	\$ 116,000				
General					
Archery Range				\$ 5,000	
<i>Ped/Bike:</i>					
Bicycle & Trail Signage	\$ 50,000				
Street Bike Lanes					
W Walworth - Hwy 12 to S Franklin (1.7 miles)		\$ 34,000			
Indian Mound - W Walworth to W Main (.54 miles)		\$ 10,800			
S Elizabeth to W Main (.76 miles)		\$ 15,200			
N Newcomb - E Milwaukee to E Executive (.62 miles)			\$ 12,400		
E Bluff - Elkhorn To Howard (.66 miles)			\$ 13,200		
N Fremont - W North to E Schwager (.8 miles)			\$ 16,000		
S Wisconsin - Willis Ray to Tripp Lake Park (.76 miles)			\$ 15,200		
Tratt - W Main to Bloomingfield (1.1 miles)				\$ 22,000	
Indian Mound to W Walworth (.63 miles)					\$ 12,600
E North - S Franklin to N Newcomb (.99 miles)	\$ 19,800				
W Main - Tratt to S Franklin (.62 miles)	\$ 142,000				
W Main - Indian Mound to S Prince (.71 miles)			\$ 120,000		
Shared Use Paths					
Waters Edge Path Ext to WHS	\$ 325,000				
S Ardmore Street Extension (.07 miles)	\$ 14,000				
East Clay St. Connector Path (.05 miles)		\$ 9,000			
Shaw Court Ext Path					\$ 80,784
Parks & Recreation Totals:	\$ 1,009,800	\$ 315,000	\$ 986,800	\$ 442,000	\$ 203,384

*Part of a future energy efficiency performance contract with Trane. Will likely involve a borrowing to be paid through energy cost savings.

Police					
Communications Center					
911 System	\$ 150,000				
Police Totals:	\$ 150,000	\$ -	\$ -	\$ -	\$ -

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Department/Project	2014	2015	2016	2017	2018
DPW - Streets/Parks/Forestry Division					
Security Fuel Dispensing -2 City Pumps	\$ 12,000				
Tandem Dump Truck	\$ 60,000				
Shop Hoist for Service Bay	\$ 9,000				
Downtown Eastgate**	\$ 1,693,875				
Clay St. (Dann to Esterly)**		\$ 410,769			
Esterly St. (Milwaukee to Clay)**		\$ 159,125			
Clay St. (Esterly to Roundabout)**			\$ 544,583		
Milwaukee & Newcomb Intersection**				\$ 82,150	
Milwaukee St. (Newcomb to City Limits)**				\$ 23,000	
George St (North to terminus)**					\$ 674,173
DPW - Streets/Parks/Forestry Division Totals:	\$ 1,774,875	\$ 569,894	\$ 544,583	\$ 105,150	\$ 674,173

** Projects that are listed with costs in more than one department.

DPW - Wastewater Utility Division					
Solids:					
Sphere Integrity Inspection		\$ 8,000			
Sphere Painting		\$ 130,000			
Manway Entry Construction/Storage Digester		\$ 20,000			
Lab:					
Hach LAB Cal Software			\$ 6,000		
Collections:					
Oak St. L.S. Control Upgrade			\$ 20,000		
Vanderlip Control Upgrade		\$ 20,000			
Downtown Eastgate**	\$ 354,500				
Clay St. (Dann to Esterly)**		\$ 117,375			
Esterly St. (Milwaukee to Clay)**			\$ 72,000		
Clay St. (Esterly to Roundabout)**				\$ 170,125	
Milwaukee & Newcomb Intersection**				\$ 273,125	
Milwaukee St. (Newcomb to City Limits)**					
George St (North to terminus)**					\$ 207,000
Plant:					
Additional Truck With Lift Gate		\$ 25,000			
Drywell Electrical Repairs	\$ 7,500				
Pedestrian Doors	\$ 7,750	\$ 6,400	\$ 7,500		
Facility Vehicle Replacement		\$ 13,000			
Auto Dialer Update	\$ 9,700				
Engineering Services WWTP		\$ 35,000			
UV Bulb Replacement		\$ 12,800			
Property Fence/Gate Repairs		\$ 5,000			
Wastewater Facilities Upgrade-Biological Process			\$ 7,000,000		
DPW - Wastewater Utility Division Totals:	\$ 379,450	\$ 392,575	\$ 7,105,500	\$ 443,250	\$ 207,000

** Projects that are listed with costs in more than one department.

DPW - Water Utility Division					
Booster #2 Soft Start Replacement	\$ 5,000				
Valve-Turning Machine	\$ 12,000				
VFD for Well #9	\$ 19,000				
2-HY-E Dry Dehumidifiers	\$ 7,600				
Western Snow Plow	\$ 5,200				
Replacement Scales	\$ 9,900				

Capital Improvement Program 2014-2018 - Programmed

Department/Project	2014	2015	2016	2017	2018
Streets:					
Downtown Eastgate**	\$ 354,500				
Esterly St. (Milwaukee to Clay)**		\$ 98,438			
Clay St. (Esterly to Roundabout)**			\$ 75,125		
Milwaukee & Newcomb Intersection**				\$ 40,000	
Milwaukee St. (Newcomb to City Limits)**				\$ 285,000	
George St (North to terminus)**					\$ 240,000
DPW - Water Utility Division Totals:	\$ 413,200	\$ 98,438	\$ 75,125	\$ 325,000	\$ 240,000

** Projects that are listed with costs in more than one department.

DPW - Stormwater Utility					
Stormwater Mitigation Plan Implementation	\$ -				
Streets:					
Downtown Eastgate**	\$ 223,000				
Clay St. (Dann to Esterly)**		\$ 123,125			
Esterly St. (Milwaukee to Clay)**		\$ 23,719			
Clay St. (Esterly to Roundabout)**			\$ 163,125		
George St (North to terminus)**					\$ 127,200
Creeks/Detention Basins:					
Meadowsweet Park-Detention Basin Retro Fit		\$ 190,228			
Clay Street Detention Basin		\$ 137,750			
DPW - Stormwater Utility Totals:	\$ 223,000	\$ 474,822	\$ 163,125	\$ -	\$ 127,200

** Projects that are listed with costs in more than one department.

Fire - All Divisions					
Operation Study Recommendations Implementation	\$ -	\$ -	\$ -	\$ -	\$ -
Fire - All Divisions Totals:	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Improvement Program 2014-2018 - Not Programmed

Department/Project	Estimated Cost
Cable TV	
Camcorder 3 Replacement (2019)	\$ 5,000

DPW - Streets/Parks/Forestry Division	
Streetlight System Conversion	\$ -
Center St. (Franklin to Summit)	\$ 842,000
Bishop St. (Clay St to Newcomb St)	\$ 386,000
S. Newcomb St. (Clay St. to Milwaukee St.)	\$ 316,000
East Main St (Newcomb to Bluff Rd)	\$ 2,067,000
East St (Main St to Chicago St)	\$ 350,000
Jefferson St (Cravath St to Starin Rd)	\$ 771,000
Wakely St (Main St to North St)	\$ 315,000

DPW - Wastewater Utility Division	
Plant:	
Vanderlip Lift Station Reconstruction	\$ 500,000
Sanitary Sewer Interceptor	\$ -

DPW - Water Utility Division	
Water Tower	\$ -
Watermain Replacement Tratt & Ann Street	\$ -
Office & Maintenance Building	\$ -
Loop Water Main	\$ -

DPW - Stormwater Utility	
Ann Street Detention Pond	\$ -
W. Main & N. Indian Mound Parkway	\$ -
Parkcrest-northwest	\$ -
Parkcrest-southwest	\$ -
Cravath Lake Park	\$ -
E. Main Street	\$ -
Chicago/East Street	\$ -
E. Cravath St	\$ -

Fire/TechRescue/EMS	
Building Expansion/Reconstruction*	\$ 1,200,000

*1.2 Million has been set aside for this project. Final cost is unknown.

Parks & Recreation	
Library	\$ -
Building Expansion	\$ -
Vault Lights Replacement	\$ -
Street Bike Lanes	\$ -
STH 89 - Willis Ray to South 12 (.22 miles)	\$ 4,400
E County Line - N McMillen to Indian Mound (1.99 miles)	\$ 39,800
E main to S Newcomb (.53 miles)	\$ -
N Newcomb to E Bluff (.41 miles)	\$ -
Share Use Path	
Box Culvert/HWY 12 to Pine Bluff	\$ -
Washington School Bridge	\$ 935,000

Police	
Records Management Software	\$ 99,059
Walworth County Communications Bridge	\$ -

Capital Improvement Fund (CIF) 2014 Projects - Recommended

Project	Department/Division	Funding Source(s)	Amount
1 911 System Update	Police Department	Cost Estimate	\$ 150,000
Description/Justification:			
The communications 911 system is the software operating system. All of Walworth County went to an enhanced 911 (E911) system in Oct 1994; CML was chosen as Whitewater's vendor.			
			CIF Impact: \$ 150,000
2 Bike & Pedestrian Trail Signage Program	Parks & Recreation	Cost Estimate	\$ 50,000
Description/Justification:			
This project would include the development and implementation of a comprehensive signage program for paths, bike lanes, and pedestrian corridors.			
			CIF Impact: \$ 50,000
3 Community Building Roof Repair	Facilities Maintenance	Cost Estimate	\$ 15,000
Description/Justification:			
The shingles on the roof need to be replaced. The repair should have been completed 5 years ago but was postponed. This project is being included as part of the performance contracting project with Trane.			
		Trane Project**	\$ 15,000
			CIF Impact: \$ -
4 Downtown East Gateway Reconstruction	Public Works	Cost Estimate	\$ 2,650,875
Description/Justification:			
Fort Credit Union donated \$25,000 to the art feature.			
		Fort Credit Union:	\$ 25,000
		Water Utility:	\$ 354,500
		Wastewater Utility:	\$ 354,500
		Storm Water Utility:	\$ 223,000
		2014 Bond Issue:	\$ 1,693,875
			CIF Impact: \$ -

Capital Improvement Fund (CIF) 2014 Projects - Recommended

Project	Department/Division	Funding Source(s)	Amount
5 Field of Dreams (Fund Reimbursement) - Previously Approved	Parks & Recreation	Cost Estimate	\$ 116,000
Description/Justification: In 2013, an additional \$116,000 was needed to complete the municipal infrastructure associated with the Field of Dreams project. This item represents a reimbursement to the Capital Improvement Fund (450) that will be included in the 2014 borrowing for capital projects including the Downtown Eastgate project.			
		2014 Bond Issue:	\$ 116,000
		CIF Impact:	\$ -
6 Library AC System	Facilities Maintenance	Cost Estimate	\$ 20,000
Description/Justification: This project is being included as option of Trane work.			
		Trane Project**	\$ 20,000
		CIF Impact:	\$ -
7 Municipal Broadband Network	Information Technology	Cost Estimate	\$ 50,000
Description/Justification: Installation of fiber from Prince Street to Fremont Street in Main Street and from Main Street to Whitewater Street on Fremont Street. This project is part of a larger objective which is to link all our municipal facilities through a hard fiber line. The set-up will also allow for future connections to the University and School District.			
		CIF Impact:	\$ 50,000
8 Municipal Building HVAC Controls	Facilities Maintenance	Cost Estimate	\$ 95,000
Description/Justification: Computer software to control heating/cooling in Municipal Building; Project will be included in Trane project.			
		Trane Project**	\$ 95,000
		CIF Impact:	\$ -

Capital Improvement Fund (CIF) 2014 Projects - Recommended

Project	Department/Division	Funding Source(s)	Amount
9 Municipal Building Rooftop AC Unit Replacement	Facilities Maintenance	Cost Estimate \$	165,000
Description/Justification: Replacement of 3 AC units on the roof. These units have reached the end of their useful life. Rather than continue to pay increasing maintenance costs, it is recommended that the City purchase new, more efficient units. This project is being included as part of the performance contracting project with Trane.		Trane Project** \$	165,000
		CIF Impact: \$	-
10 Ride Share Taxi (Shuttle Van)	Finance	Cost Estimate \$	54,000
Description/Justification: This is a 13-passenger vehicle with wheelchair lift. A Ride Share grant will cover 90% of the cost.		Ride Share Grant: \$	48,600
		CIF Impact: \$	5,400
11 Security Fuel Dispensing System (Two Pumps)	Streets/Parks/Forestry	Cost Estimate \$	12,000
Description/Justification: The installation of this system on the fuel pumps at the Streets Garage will not only make the pumps more secure, but also reduce the time needed to document and track fuel consumption by all departments.		CIF Impact: \$	12,000
12 Service Bay Shop Hoist	Streets/Parks/Forestry	Cost Estimate \$	9,000
Description/Justification: Staff now uses jacks & blocking to support vehicles/trailers that are being worked on, would be safer and more convenient with vehicle lift installed in that area.		CIF Impact: \$	9,000

Capital Improvement Fund (CIF) 2014 Projects - Recommended

Project	Department/Division	Funding Source(s)	Amount
13 Sony NXSU Camcorder w/Hard Drive	Cable TV	Cost Estimate	\$ 5,000
Description/Justification:			
Purchasing this camcorder will allow Cable TV/Media Services to completely eliminate the use of video tape and enable all video to be recorded digitally. The new camcorder will also provide a higher quality recording.		Cable TV Fund (200)	\$ 5,000
		CIF Impact:	\$ -
14 Tandem Dump Truck	Streets/Parks/Forestry	Cost Estimate	\$ 60,000
Description/Justification:			
The Streets/Parks/Forestry Division of Public Works currently leases a truck for heavy material hauling, including salt purchased for use in winter. The purchase of the truck would eliminate the cost of renting another truck and would reduce the cost for the transport of salt and asphalt into Whitewater. This truck will likely benefit the Water and Wastewater utilities as well.			
		CIF Impact:	\$ 60,000
15 Voice Over IP System (VOIP)	Information Technology	Cost Estimate	\$ 75,000
Description/Justification:			
This is The current phone system is comprised of several phone lines and each line comes with a monthly fee.			
		CIF Impact:	\$ 75,000
16 Waters Edge Shared Use Path Extension to Whitewater High School	Parks & Recreation	Cost Estimate	\$ 325,000
Description/Justification:			
The proposed rate is a combination of on-street lanes & shared use path that connects waters edge to WHS. A majority of path being on bypass row.		DOT Grant:	\$ 150,000.00
		2012 Bond Issue:	\$ 76,500
		CIF Impact:	\$ 98,500
Total Additional CIF Cost:			\$ 509,900

Capital Improvement Fund (CIF) 2014 Projects - Requested Not Yet Funded

Project	Department/Division	Funding Source(s)	Amount
17 Armory Gym Floor Repair	Facilities Maintenance	Cost Estimate \$	8,000
Description/Justification: Floor has not been sanded and repainted in over 10 years.		CIF Impact: \$	8,000
18 Bark Park Relocation	Parks & Recreation	Cost Estimate \$	10,000
Description/Justification: The existing dog park was constructed in an area now designated as a wetland area. The park is wet after every rain and often unusable as a result. The current site is unable to be improved. The relocation would require a site. The fencing at the current site is salvageable and could be used at a new location.		CIF Impact: \$	10,000
19 Main Street On-Street Bike Lanes	Parks & Recreation	Cost Estimate \$	142,000
Description/Justification: Road Diet; 4 lanes to 2 with center turn lane.		CIF Impact: \$	142,000
20 North Street On-Street Bike Lanes	Parks & Recreation	Cost Estimate \$	19,800
Description/Justification: This would include .99 miles of bike lanes on North Street from S Franklin Street to N Newcomb Street.		CIF Impact: \$	19,800

Capital Improvement Fund (CIF) 2014 Projects - Requested Not Yet Funded

Project	Department/Division	Funding Source(s)	Amount
21 Records Management Software	Police Department	Cost Estimate	\$ 99,059
Description/Justification: Possible option to transition completely to Walworth County for dispatch needs. UWW providing an annual 1/3 contribution to the communications budget.		CIF Impact:	\$ 99,059
22 S Ardmore Street Shared Use Path Extension	Parks & Recreation	Cost Estimate	\$ 14,000
Description/Justification: Small path connection; Connects Ardmore to St. Pat's Church		CIF Impact:	\$ 14,000
23 Starin Park Ball Diamonds - Fence Improvements	Parks & Recreation	Cost Estimate	\$ 20,000
Description/Justification: Installing the proposed fence improvements would allow all diamonds to be enclosed and would provide the City with an opportunity to sell outfield advertising to help fund park improvements.		CIF Impact:	\$ 20,000
24 Starin Park Score Boards LL & N	Parks & Recreation	Cost Estimate	\$ 10,000
Description/Justification: This project is part of the overall effort to improve existing diamonds at Starin Park. Completion of this project would coincide with the opening FOD anticipated in 2014. Once completed, all four fields would have scoreboards.		CIF Impact:	\$ 10,000
Total Additional CIF Cost:			\$ 322,859

Water Utility Fund (WTR) 2014 Projects

Project	Department/Division	Funding Source(s)	Amount
28 Booster 2 Soft Start System	Water Utility		\$ 5,000
Description/Justification: The soft start system protects the pump/motor from burning up in the event of cavitation. This is the last booster pump to be updated.			
			WTR Fund Total: \$ 5,000
29 HY-E Dry Dehumidifiers (2)	Water Utility		\$ 7,600
Description/Justification: replacements for worn out failed units. These units are at all filter buildings to prevent filters from corrosion due to the excessive moisture the tanks omit.			
			WTR Fund Total: \$ 7,600
30 SCADA Scales Replacement	Water Utility		\$ 9,900
Description/Justification: We have been changing out our obsolete scales this year & next to scales that report directly to our SCADA system to be able to comply with the DNR electronic reporting mandate.			
			WTR Fund Total: \$ 9,900
31 Valve Turning Machine	Water Utility		\$ 12,000
Description/Justification: This is a safety item to protect the operator from injury & protects the valve from damage from too much torque. Both programs are mandated by the DNR to be done.			
			WTR Fund Total: \$ 12,000

Water Utility Fund (WTR) 2014 Projects

Project	Department/Division	Funding Source(s)	Amount
32 Variable Frequency Drive in Well #9	Water Utility		\$ 19,000
Description/Justification: Designed to save electrical costs of running the 150 HP pump & to control pumping activities more accurately to different water demand scenarios.			
			WTR Fund Total: \$ 19,000
33 Western Snow Plow Implement	Water Utility		\$ 5,200
Description/Justification: This is for our four wheel drive truck to clear our well houses and tower access in winter. Often during a snow event we cannot get to well houses or towers to do rounds until the street dept is done			
			WTR Fund Total: \$ 5,200
			WTR Fund Total: \$ 58,700

Wastewater Utility Fund (WWT) 2014 Projects

Project	Department/Division	Funding Source(s)	Amount
25 Drywell Electrical Repairs	Wastewater Utility		\$ 7,500
Description/Justification: Conduit in the drywell has become corroded and needs to be replaced. This would include the parts and labor to replace the drywell conduit and switches.			WWT Fund Total: \$ 7,500
26 Emergency Call Auto Dialer Update	Wastewater Utility		\$ 9,700
Description/Justification: This is an update to the auto dialer software that is used to make emergency calls to crewmembers after work hours when an alarm is triggered. The new software system will notify the employee of the specific alarm that has been triggered and will also have the capability to send emergency messages over text.			WWT Fund Total: \$ 9,700
27 Filter Building Door Replacement	Wastewater Utility		\$ 7,750
Description/Justification: Doors on the Filter Building have deteriorated over time and need to be replaced.			WWT Fund Total: \$ 7,750
			Total Utility Fund Cost: \$ 24,950