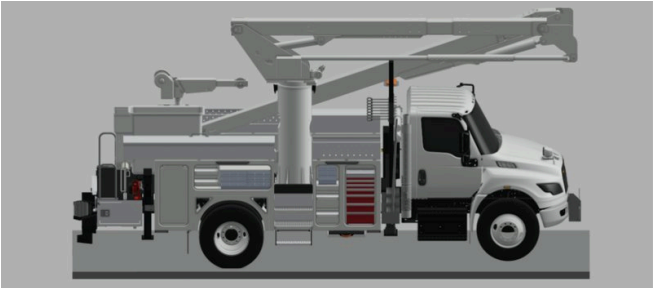


2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project # ELE-001
Project Name International HV Bucket Truck

Total Project Cost	\$292,167	Department	Electric Utility
Type	Replacement	Category	Equipment
Priority	1 - Urgent	Phase	Phase 1
Status	Active		

Supplemental Attachments

 [USSI S.Q. 260802 - Columbus Utility - VST-600](#)  [VST-6000 IO5 Aerial Specs - Columbus - USSI S](#)

Description

New Versalift, VST-6000-IO5, Insulated 59' telescopic aerial platform lift.

Justification

The existing bucket truck has reached its expiration date. A bucket truck is a truck with a piece of aerial lift and platform equipment used to hold linemen to navigate around or over objects (poles, lines, trees, etc.). Acquiring this truck will enable staff to carry out challenging tasks and utility maintenance with greater efficiency.

Life Budget Utilization



\$292,167 of \$292,167 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	292,167	0	0	0	0	292,167	0
	Total	292,166	0	0	0	0	292,166	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	292,167	0	0	0	0	292,167	0
	Total	292,166	0	0	0	0	292,166	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # ELE-002
Project Name International Dump Truck

Total Project Cost	\$280,000	Department	Electric Utility
Type	Replacement	Category	Equipment
Priority	4 - Consideration	Phase	Phase 1
Status	Active		

Description

International Dump Truck.

Justification

Set to preplace the existing, aged dump truck.

Life Budget Utilization



\$280,000 of \$280,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	0	0	0	280,000	0	280,000	0
	Total	0	0	0	280,000	0	280,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	0	280,000	0	280,000	0
	Total	0	0	0	280,000	0	280,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # ELE-003
Project Name Municipal Storage Building

Total Project Cost	\$500,000	Department	Electric Utility
Type	New Construction	Category	Buildings
Priority	1 - Urgent	Phase	Phase 1
Status	Active		

Supplemental Attachments

 [Outbuilding.jpg](#)

Description

A new municipal storage building located at the Water & Light campus.

Life Budget Utilization



\$500,000 of \$500,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	500,000	0	0	0	0	500,000	0
	Total	500,000	0	0	0	0	500,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	500,000	0	0	0	0	500,000	0
	Total	500,000	0	0	0	0	500,000	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	ELE-004		
Project Name	Pole Testing		
Total Project Cost	\$80,000	Department	Electric Utility
Type	Maintenance	Category	Utilities
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Pole testing and joint use inspection by outside consultant to test 10-15% of the system poles each year. Information from the pole testing will help develop an accurate pole maintenance and replacement schedule to keep the system updated. Changing these poles out help limit outages and duration of outage time.

Justification

Information from the pole testing and joint use inspection will help develop an accurate pole replacement schedule to keep the system updated and keep pole attachment revenue accurate. Changing these poles out help limit both outages and duration of outages.

Life Budget Utilization



\$80,000 of \$80,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	0	16,000	16,000	16,000	16,000	64,000	16,000
	Total	0	16,000	16,000	16,000	16,000	64,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	16,000	16,000	16,000	16,000	64,000	16,000
	Total	0	16,000	16,000	16,000	16,000	64,000	



Project #	ELE-005		
Project Name	Pole Replacement		
Total Project Cost	\$130,295	Department	Electric Utility
Type	Replacement	Category	Utilities
Priority	3 - Important	Phase	Phase 1

Description

Pole testing and inspection will detect polse that require replacement. Developing an accurate pole maintenance and replacement schedule will keep the system updated. Changing failing poles out helps limit property damages, outages, and duration of outages.

Justification

Having designated resources will help develop an accurate pole replacement schedule to keep the system updated and keep pole attachment revenue accurate. Changing failed poles out helps to limit property and safety damages, outages, and duration of outages.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	0	25,750	25,750	25,750	26,522	103,772	26,522
	Total	0	25,750	25,750	25,750	26,522	103,772	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	25,000	25,750	25,750	26,522	103,022	26,522
	Total	0	25,000	25,750	25,750	26,522	103,022	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	ELE-006		
Project Name	Street Light Replacement		
Total Project Cost	\$50,000	Department	Electric Utility
Type	Maintenance	Category	Utilities
Priority	4 - Consideration	Phase	Phase 1
Status	Active		

Description

The existing LED street lights within the city are beginning to depreciate and age. A scheduled maintenance program will ensure the city has consisten, uniform lighting throughout the system.

Justification

Update outdated light technology that we get repeated calls on. Rate payers are reactive to malfunctioning streetlights. Having a replacement program will increase reliability as well as efficiency of the fixtures.

Life Budget Utilization



\$50,000 of \$50,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	0	10,000	10,000	10,000	10,000	40,000	10,000
	Total	0	10,000	10,000	10,000	10,000	40,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	10,000	10,000	10,000	10,000	40,000	10,000
	Total	0	10,000	10,000	10,000	10,000	40,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	ELE-007		
Project Name	Substation 2 Reconstruction		
Total Project Cost	\$2,562,000	Department	Electric Utility
Type	New Construction	Category	Utilities
Priority	1 - Urgent	Phase	Phase 1
Status	Active		

Description

Substation two is currently a 12MVA transformer. The Utility Dpt. is proposing to upgrade the substation with a 28MVA transformer, along with the ancillary infrastructure necessary.

Justification

This process, which is considered necessary due to the projected load demand increase for Columbus, will require an extensive rebuild of substation one, which when completed will enable the electric utility to reduce and/or eliminate current constraints on the primary circuits providing power to our industrial clients as well as most residential.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	1,932,277	629,723	0	0	0	2,562,000	0
	Total	1,932,277	629,723	0	0	0	2,562,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	966,114	1,595,886	0	0	0	2,562,000	0
	Total	966,113	1,595,886	0	0	0	2,562,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	ELE-008		
Project Name	Complete 4.16KV Conversion		
Total Project Cost	\$7,875,400	Department	Electric Utility
Type	Improvement	Category	Utilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

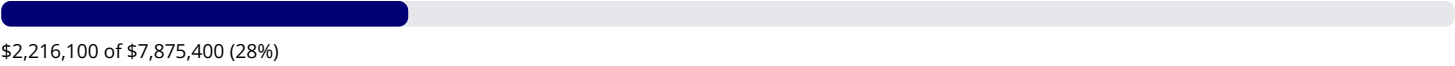
Description

Converting the existing voltage (4160v) to 12470 volts that includes a complete rebuild of circuits 103 and 104, upgrading poles, wire, arrestors, etc.

Justification

Substation one and the existing infrastructure of circuits 103 and 104 are past their practical life expectancy and will surpass the current capabilities of the existing substation and infrastructure.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	2,216,100	1,898,600	1,600,600	2,160,100	0	7,875,400	0
	Total	2,216,100	1,898,600	1,600,600	2,160,100	0	7,875,400	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	2,216,100	1,898,600	1,600,600	2,160,100	0	7,875,400	0
	Total	2,216,100	1,898,600	1,600,600	2,160,100	0	7,875,400	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	ELE-010		
Project Name	Utility Trailer		

Total Project Cost	\$30,000	Department	Electric Utility
Category	Utilities	Priority	2 - Very Important
Phase	Phase 1	Status	Active

Description

Tandom axle, 20' deckover trailer.

Justification

Will be used to transport underground electrical equipment and heavy machinery.



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	30,000	0	0	0	0	30,000	0
	Total	30,000	0	0	0	0	30,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	30,000	0	0	0	0	30,000	0
	Total	30,000	0	0	0	0	30,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	FIR-001		
Project Name	Radio Replacement		
Total Project Cost	\$32,553	Department	Fire
Type	Replacement	Category	Equipment
Priority	1 - Urgent	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	32,553	0	0	0	0	32,553	0
	Total	32,553	0	0	0	0	32,553	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	32,553	0	0	0	0	32,553	0
	Total	32,553	0	0	0	0	32,553	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	FIR-002		
Project Name	Brush Truck		
Total Project Cost	\$35,000	Department	Fire
Type	Improvement	Category	Equipment
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Brush truck, 50/50 share.

Life Budget Utilization



\$35,000 of \$35,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	35,000	0	0	0	0	35,000	0
	Total	35,000	0	0	0	0	35,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	35,000	0	0	0	0	35,000	0
	Total	35,000	0	0	0	0	35,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # FIR-003
Project Name 100 FT Platform Ladder TRK 93-1/4

Total Project Cost	\$2,250,000	Department	Fire
Type	Improvement	Category	Equipment
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	0	2,250,000	0	0	0	2,250,000	0
	Total	0	2,250,000	0	0	0	2,250,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	2,250,000	0	0	0	2,250,000	0
	Total	0	2,250,000	0	0	0	2,250,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	FIR-004		
Project Name	Roof Rebuild		
Total Project Cost	\$100,000	Department	Fire
Type	Improvement	Category	Buildings
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	100,000	0	0	0	0	100,000	0
	Total	100,000	0	0	0	0	100,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	100,000	0	0	0	0	100,000	0
	Total	100,000	0	0	0	0	100,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	FIR-005		
Project Name	Sewer Lateral Replacement		
Total Project Cost	\$12,000	Department	Fire
Type	Improvement	Category	Buildings
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	12,000	0	0	0	0	12,000	0
	Total	12,000	0	0	0	0	12,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	12,000	0	0	0	0	12,000	0
	Total	12,000	0	0	0	0	12,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	FIR-006		
Project Name	Windows		
Total Project Cost	\$25,000	Department	Fire
Type	Replacement	Category	Buildings
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	0	0	25,000	0	0	25,000	0
	Total	0	0	25,000	0	0	25,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	25,000	0	0	25,000	0
	Total	0	0	25,000	0	0	25,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # GRO-001
Project Name Pool Railing Repair

Total Project Cost	\$28,460	Department	Grounds & Facility
Type	Maintenance	Category	Park Facilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Supplemental Attachments

 [Qt.13239_Railings.pdf](#)

Description

Stair railing for the pool water slide.

Justification

The existing railing is in disrepair and pulling away from the stair structure in some places.

Life Budget Utilization



\$28,460 of \$28,460 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	28,460	0	0	0	0	28,460	0
	Total	28,460	0	0	0	0	28,460	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	28,460	0	0	0	0	28,460	0
	Total	28,460	0	0	0	0	28,460	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # GRO-002
Project Name Pickle Ball Court Parking Lot

Total Project Cost	\$250,000	Department	Grounds & Facility
Type	New Construction	Category	Park Facilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

The new pickle ball court needs and engineered lot.

Justification

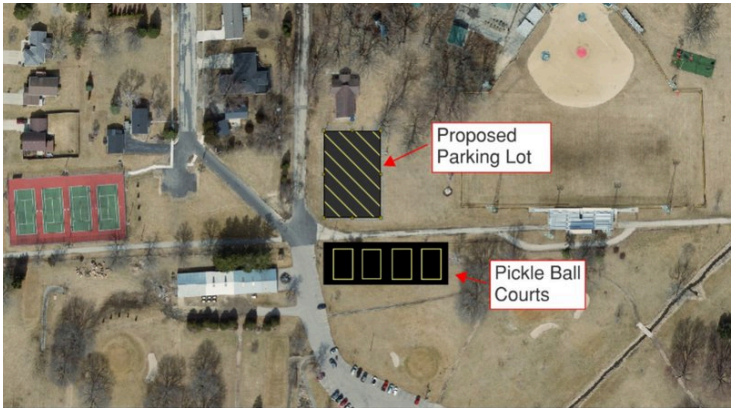
The new pickle ball courts being constructed next to the golf course require their own parking lot that can accomadate the additional parking load requirements.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	250,000	0	0	0	0	250,000	0
	Total	250,000	0	0	0	0	250,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	250,000	0	0	0	0	250,000	0
	Total	250,000	0	0	0	0	250,000	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # GRO-003
Project Name Kiwanis Park Playground

Total Project Cost	\$100,000	Department	Grounds & Facility
Type	Improvement	Category	Park Facilities
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Replace the existing playground equipment at Kiwanis Park.

Justification

The existing playground equipment is undersized and very outdated. This playground builds social fabric and shows residents in the area that their community is worth investing in.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	100,000	0	0	0	0	100,000	0
	Total	100,000	0	0	0	0	100,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Funding	100,000	0	0	0	0	100,000	0
	Total	100,000	0	0	0	0	100,000	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # GRO-004
Project Name Aquatic Center / Pump Replacement

Total Project Cost	\$111,598	Department	Grounds & Facility
Type	Maintenance	Category	Park Facilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Supplemental Attachments

 [Columbus Aquatic Center - Pool Pump Replaceme](#)

Description

The Aquatic Center is in need of new pumps (3), heater pipe replacement, and pool renovation.

Justification

The Aquatic Center is falling into disrepair and is in need of maintenance and replacements to be spread out over the next few years. The primary pumps are discontinued models and aging, the heater has not been maintained and in need of an overhaul, and the pool itself has tiles falling off and numerous other structural failings.



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	0	111,598	0	0	0	111,598	0
	Total	0	111,598	0	0	0	111,598	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	111,598	0	0	0	111,598	0
	Total	0	111,598	0	0	0	111,598	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # GRO-005
Project Name Kiwanis Parking Lot Pavement

Total Project Cost	\$130,000	Department	Grounds & Facility
Type	New Construction	Category	Park Facilities
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Building a new parking lot at Kiwanis Park.

Justification

The exisiting parking lot is gravel and weeds. A new parking lot will provided organized parking and control water run off.

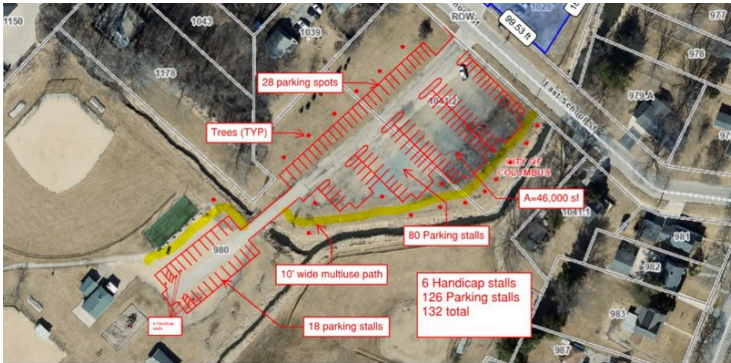
Life Budget Utilization



\$130,000 of \$130,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	130,000	0	0	0	0	130,000	0
	Total	130,000	0	0	0	0	130,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	130,000	0	0	0	0	130,000	0
	Total	130,000	0	0	0	0	130,000	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	GRO-006		
Project Name	Community Trail		
Total Project Cost	\$706,000	Department	Grounds & Facility
Type	New Construction	Category	Park Facilities
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

A multi-use trail starting near the intersection of Fuller Street and Park Avenue, traversing through Meadow Lane and Ann Street, connecting to the trail system withing the Gateway area.

Justification

Community multi-use trails create healthy recreation and transportation opportunities by providing people of all ages with attractive, safe, accessible and no cost places to cycle, walk, hike, jog or skate.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	67,000	202,000	167,000	270,000	0	706,000	0
	Total	67,000	202,000	167,000	270,000	0	706,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	67,000	202,000	167,000	270,000	0	706,000	0
	Total	67,000	202,000	167,000	270,000	0	706,000	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	GRO-007		
Project Name	Aquatic Center / Pool Renovation		
Total Project Cost	\$490,000	Department	Grounds & Facility
Type	Maintenance	Category	Park Facilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Supplemental Attachments

 [Columbus Aquatic Center - Pool Renovation BUD](#)

Description

The Aquatic Center is in need of new pumps (3), heater pipe replacement, and pool renovation.

Justification

The Aquatic Center is falling into disrepair and is in need of maintenance and replacements to be spread out over the next few years. The primary pumps are discontinued models and aging, the heater has not been maintained and in need of an overhaul, and the pool itself has tiles falling off and numerous other structural failings.



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	490,000	0	0	0	0	490,000	0
	Total	490,000	0	0	0	0	490,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	490,000	0	0	0	0	490,000	0
	Total	490,000	0	0	0	0	490,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # GRO-008
Project Name Aquatic Center / Heater Piping Repairs

Total Project Cost	\$2,476	Department	Grounds & Facility
Type	Maintenance	Category	Park Facilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Supplemental Attachments

 [Columbus Aquatic Center - Heater Piping Repai](#)

Description

The Aquatic Center is in need of new pumps (3), heater pipe replacement, and pool renovation.

Justification

The Aquatic Center is falling into disrepair and is in need of maintenance and replacements to be spread out over the next few years. The primary pumps are discontinued models and aging, the heater has not been maintained and in need of an overhaul, and the pool itself has tiles falling off and numerous other structural failings.



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	2,476	0	0	0	0	2,476	0
	Total	2,476	0	0	0	0	2,476	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	2,476	0	0	0	0	2,476	0
	Total	2,476	0	0	0	0	2,476	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	GRO-009		
Project Name	Tree Planting Program		
Total Project Cost	\$90,000	Department	Grounds & Facility
Type	Improvement	Category	Park Facilities
Priority	4 - Consideration	Phase	Phase 1
Status	Active		

Description

Establish an annual tree planting program.

Justification

Purchase an allotted number of trees each year for planting throughout the city.

Life Budget Utilization



\$90,000 of \$90,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	15,000	15,000	15,000	15,000	15,000	75,000	15,000
	Total	15,000	15,000	15,000	15,000	15,000	75,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	15,000	15,000	15,000	15,000	15,000	75,000	15,000
	Total	15,000	15,000	15,000	15,000	15,000	75,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	GRO-010		
Project Name	Windows/Front Entry - City Hall Annex		
Total Project Cost	\$40,000	Department	Grounds & Facility
Type	Replacement	Category	Buildings
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	0	40,000	0	0	0	40,000	0
	Total	0	40,000	0	0	0	40,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	40,000	0	0	0	40,000	0
	Total	0	40,000	0	0	0	40,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	GRO-011		
Project Name	City Hall Tuck Point / Exterior Painting		
Total Project Cost	\$85,000	Department	Grounds & Facility
Type	Maintenance	Category	Buildings
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	85,000	0	0	0	0	85,000	0
	Total	85,000	0	0	0	0	85,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	85,000	0	0	0	0	85,000	0
	Total	85,000	0	0	0	0	85,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # PW-024
Project Name Power Gate Opener System

Total Project Cost	\$81,500	Department	Grounds & Facility
Type	Improvement	Category	Buildings
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Supplemental Attachments

 [Doorking_1520 - 1524 Stand Alone Card Reader](#)  [1077252490_Manufacturer_Brochure.pdf](#)

Description

Construct a key card access system that will enable Columbus residents to access the yard waste center according to their schedule. The system will include 3-4 servalience cameras, slide gate opening system, key card reader, a chain link gate, loop detectors, and some other ancillary items.

Justification

Completing this project will make the recycling center more available to residents, eliminate the need for a full time attendant, and will allow DPW staff to concentrate on other services.

Life Budget Utilization



\$81,500 of \$81,500 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	81,500	0	0	0	0	81,500	0
	Total	81,500	0	0	0	0	81,500	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	81,500	0	0	0	0	81,500	0
	Total	81,500	0	0	0	0	81,500	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	POL-001		
Project Name	MDC & Radar		
Total Project Cost	\$24,000	Department	Police
Type	Improvement	Category	Equipment
Priority	1 - Urgent	Phase	Phase 1
Status	Active		

Description

Mobile Data Computer with an integrated radar creating a unified enforcement system.

Justification

Modern law enforcement vehicles use the MDC to consolidate data from speed enforcement and video capture systems. The seperate but, integrated radar device measures the speed of target vehicles and transmits this speed data directly to the MDC. The camera system includes the in-car dashcam, automated license plate recognition and/or side-mounted photo-radar cameras.

Life Budget Utilization



\$24,000 of \$24,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	24,000	0	0	0	0	24,000	0
	Total	24,000	0	0	0	0	24,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	24,000	0	0	0	0	24,000	0
	Total	24,000	0	0	0	0	24,000	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	POL-002		
Project Name	Police Cruiser		
Total Project Cost	\$238,981	Department	Police
Type	Improvement	Category	Vehicles
Priority	1 - Urgent	Phase	Phase 1
Status	Active		

Description

The SUV squad is the ideal vehicle for law enforcement. The standard hybrid AWD drivetrain provides improved handling stability and traction in all driving conditions. It also offers significant improvements in fuel economy and reduced engine idle time. The police cruiser serves as a mobile office for police officers. Creating a biennial replacement program.

Justification

A new cruiser is placed into service as a primary marked police unit. It is used by police officers for patrol duties.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	75,000	0	79,568	0	84,413	238,981	0
	Total	75,000	0	79,567	0	84,413	238,980	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	75,000	0	79,568	0	84,413	238,981	0
	Total	75,000	0	79,567	0	84,413	238,980	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	POL-003		
Project Name	HVAC/Ductwork		
Total Project Cost	\$30,000	Department	Police
Type	Maintenance	Category	Buildings
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Perform maintenance and rebuild on the HVAC system in police headquarters.

Life Budget Utilization



\$30,000 of \$30,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	0	30,000	0	0	0	30,000	0
	Total	0	30,000	0	0	0	30,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	30,000	0	0	0	30,000	0
	Total	0	30,000	0	0	0	30,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	POL-004		
Project Name	Windows		
Total Project Cost	\$20,000	Department	Police
Type	Replacement	Category	Buildings
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Replace existing windows.

Justification

Old windows are failing and compromise the security of the building.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	0	0	20,000	0	0	20,000	0
	Total	0	0	20,000	0	0	20,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	20,000	0	0	20,000	0
	Total	0	0	20,000	0	0	20,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	PW-001		
Project Name	Skag Mower		
Total Project Cost	\$18,000	Department	Public Works
Type	Replacement	Category	Equipment
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

New 61" SKAG lawn mower.

Justification

Currently the fleet is short one mower.

Life Budget Utilization



\$18,000 of \$18,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	18,000	0	0	0	0	18,000	0
	Total	18,000	0	0	0	0	18,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	18,000	0	0	0	0	18,000	0
	Total	18,000	0	0	0	0	18,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project #	PW-002
Project Name	Leaf Vac Truck

Total Project Cost	\$329,500	Department	Public Works
Type	Replacement	Category	Equipment
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Supplemental Attachments

[Olympian Chassis Mount.pdf](#)

Description

A single unit mobile leaf vacuum truck, including vacuum, hopper, and containment.

Justification

The current system of collecting resident leaves during the fall season is dysfunctional, labor intensive, and operating on borrowed time. A new leaf vac truck will reduce labor from 3-4 people, three pieces of equipment (skidseer, front end loader, garbage truck) to one operator and one mobile truck.

Life Budget Utilization



\$329,500 of \$329,500 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	329,500	0	0	0	0	329,500	0
	Total	329,500	0	0	0	0	329,500	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	329,500	0	0	0	0	329,500	0
	Total	329,500	0	0	0	0	329,500	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	PW-003		
Project Name	3/4 Ton truck with plow		
Total Project Cost	\$65,000	Department	Public Works
Type	Replacement	Category	Equipment
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

New 3/4 ton pickup truck with plow.

Justification

Replaces the 2004 Chevy 3/4 ton truck.

Life Budget Utilization



\$65,000 of \$65,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	0	65,000	0	0	0	65,000	0
	Total	0	65,000	0	0	0	65,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	65,000	0	0	0	65,000	0
	Total	0	65,000	0	0	0	65,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	PW-004		
Project Name	3/4 Ton pick-up truck		
Total Project Cost	\$45,000	Department	Public Works
Type	Replacement	Category	Equipment
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

3/4 ton pick up truck meant for hauling equipment, plowing snow, mounting a salt spreader, and other functions.

Justification

Will be replacing the 2019 Ford which is rusted and not currently functioning.

Life Budget Utilization



\$45,000 of \$45,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	0	0	45,000	0	0	45,000	0
	Total	0	0	45,000	0	0	45,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	45,000	0	0	45,000	0
	Total	0	0	45,000	0	0	45,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	PW-005		
Project Name	Patch Trailer		
Total Project Cost	\$15,000	Department	Public Works
Type	Replacement	Category	Equipment
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

A new trailer to complete the hot patch set up.

Justification

The existing trailer has fully depreciated.

Life Budget Utilization



\$15,000 of \$15,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	0	0	15,000	0	0	15,000	0
	Total	0	0	15,000	0	0	15,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	General Fund	0	0	15,000	0	0	15,000	0
	Total	0	0	15,000	0	0	15,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	PW-006		
Project Name	Wood Chipper		
Total Project Cost	\$75,000	Department	Public Works
Type	Replacement	Category	Equipment
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

A new commercial grade wood chipper. 20 x 12" throat opening and 64" wide infeed.

Justification

Existing wood chipper is nearing the end of its functionality and safety is becoming a concern.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	0	0	75,000	0	0	75,000	0
	Total	0	0	75,000	0	0	75,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	75,000	0	0	75,000	0
	Total	0	0	75,000	0	0	75,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project #	PW-007		
Project Name	Harrison & Spring Streets		
Total Project Cost	\$2,946,540	Department	Public Works
Type	New Construction	Category	Street Construction
Priority	1 - Urgent	Phase	Phase 1
Status	Active		

Description

Complete street rebuild of Spring Street, from W School St to W Harrison St., and Harrison St, from S Dickason Blvd to S Lewis St. including seven blocks of road base rebuild, asphalt pavement, sidewalk and curb & gutter reconstruct.

Justification

The streets designated in this project show significant pavement deterioration. The water and sewer mains are past their life expectancy and multiple breaks have occurred in the last two years.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	2,946,540	0	0	0	0	2,946,540	0
	Total	2,946,540	0	0	0	0	2,946,540	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	2,946,540	0	0	0	0	2,946,540	0
	Total	2,946,540	0	0	0	0	2,946,540	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	PW-009		
Project Name	Stuart St Alleyway		
Total Project Cost	\$65,800	Department	Public Works
Type	Improvement	Category	Street Construction
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Alleyway between Stuart St and Ingalsbee St, remove and replace.

Justification

The existing paved alley is in dilapidated condition and causing drainage issues. The proposed re-construct will include grade changes and drainage improvements.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	65,800	0	0	0	0	65,800	0
	Total	65,800	0	0	0	0	65,800	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	65,800	0	0	0	0	65,800	0
	Total	65,800	0	0	0	0	65,800	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	PW-010		
Project Name	Sidewalk Improvement Program		
Total Project Cost	\$240,000	Department	Public Works
Type	Improvement	Category	Sidewalks
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

A remove and replace program to improve pedestrian traffic thoroughfares in the city.

Justification

Sidewalk sections marked for removal due to cracking, heaving, etc. will be removed and replaced.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	40,000	40,000	40,000	40,000	40,000	200,000	40,000
	Total	40,000	40,000	40,000	40,000	40,000	200,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	40,000	40,000	40,000	40,000	40,000	200,000	40,000
	Total	40,000	40,000	40,000	40,000	40,000	200,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project #	PW-015		
Project Name	Church/Legion/Richmond		
Total Project Cost	\$1,504,482	Department	Public Works
Type	New Construction	Category	Street Construction
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Road and utility reconstruct of Church St, Legion CT, Richmond St, E Prairie St, and Udey St.

Justification

Utility and road surface in disrepair and failing.

Life Budget Utilization



\$1,504,482 of \$1,504,482 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	0	1,504,482	0	0	0	1,504,482	0
	Total	0	1,504,482	0	0	0	1,504,482	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	1,504,482	0	0	0	1,504,482	0
	Total	0	1,504,482	0	0	0	1,504,482	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project #	PW-016		
Project Name	West Prairie St Reconstruct		
Total Project Cost	\$1,333,167	Department	Public Works
Type	New Construction	Category	Street Construction
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

A reconstruction of W Prairie St, between Hibbard St and Luddington.

Justification

A utility and road reconstruction project necessary due to aging infrastructure.

Life Budget Utilization



\$1,333,167 of \$1,333,167 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	0	0	1,333,167	0	0	1,333,167	0
	Total	0	0	1,333,167	0	0	1,333,167	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	1,333,167	0	0	1,333,167	0
	Total	0	0	1,333,167	0	0	1,333,167	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project #	PW-017		
Project Name	Tower Drive		
Total Project Cost	\$200,000	Department	Public Works
Type	Improvement	Category	Street Construction
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Tower Drive resurfacing.

Justification

Made necessary to protect the structural integrity of Tower Drive.

Life Budget Utilization



\$200,000 of \$200,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	0	0	200,000	0	0	200,000	0
	Total	0	0	200,000	0	0	200,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	200,000	0	0	200,000	0
	Total	0	0	200,000	0	0	200,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project #	PW-018		
Project Name	Parkview Dr		
Total Project Cost	\$1,258,543	Department	Public Works
Type	New Construction	Category	Street Construction
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

A complete reconstruct of Parkview Dr, from Brookside Ln to the end of Parkview Ct.

Justification

The street shows significant pavement deterioration. The water and sewer mains are past their life expectancy. More effective storm water drainage needs to be designed.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	0	0	0	1,258,543	0	1,258,543	0
	Total	0	0	0	1,258,543	0	1,258,543	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	0	1,258,543	0	1,258,543	0
	Total	0	0	0	1,258,543	0	1,258,543	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project #	PW-019		
Project Name	Dix St		
Total Project Cost	\$635,375	Department	Public Works
Type	Improvement	Category	Street Construction
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Dix St mill & overlay.

Justification

The surface is showing signs of distress. Dix St is a major thoroughfare in the City of Columbus and protecting the structural integrity of the road is considered important.

Life Budget Utilization



\$635,375 of \$635,375 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	0	0	0	635,375	0	635,375	0
	Total	0	0	0	635,375	0	635,375	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	0	635,375	0	635,375	0
	Total	0	0	0	635,375	0	635,375	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project #	PW-020		
Project Name	W Fountain & Seldon		
Total Project Cost	\$1,283,119	Department	Public Works
Type	New Construction	Category	Street Construction
Priority	4 - Consideration	Phase	Phase 1
Status	Active		

Description

Complete rebuild of roadway and utilities.

Justification

Both streets show significant pavement deterioration. The water and sewer mains are past their life expectancy.

Life Budget Utilization



\$1,283,119 of \$1,283,119 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	0	0	0	0	1,283,119	1,283,119	0
	Total	0	0	0	0	1,283,119	1,283,119	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	0	0	1,283,119	1,283,119	0
	Total	0	0	0	0	1,283,119	1,283,119	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project #	PW-021		
Project Name	Dickason Blvd		
Total Project Cost	\$411,250	Department	Public Works
Type	Improvement	Category	Street Construction
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

A mill & overlay of Dickason Blvd.

Justification

Necessary to maintain road integrity.

Life Budget Utilization



\$411,250 of \$411,250 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	0	0	0	0	411,250	411,250	0
	Total	0	0	0	0	411,250	411,250	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	0	0	411,250	411,250	0
	Total	0	0	0	0	411,250	411,250	



Project #	PW-022		
Project Name	Stump Grinder		
Total Project Cost	\$35,000	Department	Public Works
Type	Improvement	Category	Equipment
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

Equip the public works department with a commercial grade stump grinder.

Justification

Currently, when a tree is removed, either in the right-of-way or on city property, the DPW needs to hire a contractor to remove the remaining stump. Equipping the DPW with a stump grinder will require less reliance on outside contractors, their fees and their time schedule, and enable staff to be more proficient and proactive in tree removal and replacement.

Life Budget Utilization



\$35,000 of \$35,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	35,000	0	0	0	0	35,000	0
	Total	35,000	0	0	0	0	35,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	35,000	0	0	0	0	35,000	0
	Total	35,000	0	0	0	0	35,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	PW-023		
Project Name	Concrete Grinder		
Total Project Cost	\$15,000	Department	Public Works
Type	Improvement	Category	Equipment
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

Sidewalk Grinder.

Justification

A mobile concrete grinder will enable DPW staff to grind down high spots within walkways, creating a level sidewalk path and minimizing the need to remove and replace sidewalk panels.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	15,000	0	0	0	0	15,000	0
	Total	15,000	0	0	0	0	15,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	15,000	0	0	0	0	15,000	0
	Total	15,000	0	0	0	0	15,000	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # PW-025
Project Name Wing Plow Laser Light Guide

Total Project Cost\$12,000
TypeImprovement
Priority2 - Very Important
StatusActive

DepartmentPublic Works
CategoryEquipment
PhasePhase 1

Description

A laser guide attached to the right edge of the plow blade.

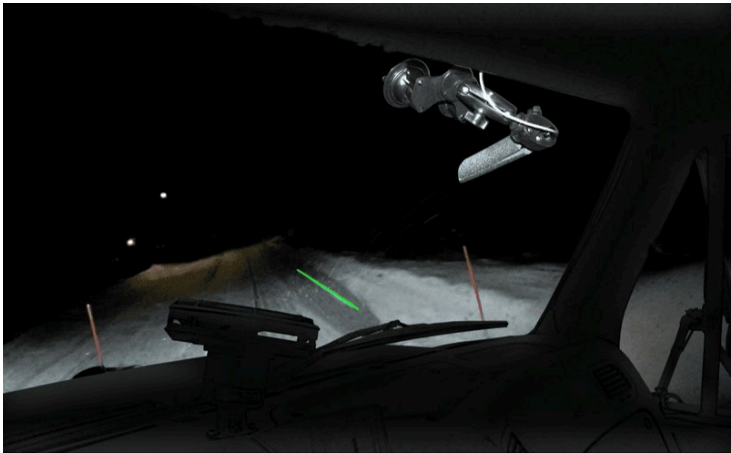
Justification

Will assist the driver determining where the edge of the plow will run out in front of the truck 10' - 20'. This will aid in avoiding striking cars, jumping curbs, hitting utility poles, reducing fatigue, etc.



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	12,000	0	0	0	0	12,000	0
	Total	12,000	0	0	0	0	12,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	12,000	0	0	0	0	12,000	0
	Total	12,000	0	0	0	0	12,000	



2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	STM-001		
Project Name	Richmond		
Total Project Cost	\$15,608	Department	Storm Water
Type	New Construction	Category	Storm Sewer
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	15,608	0	0	0	0	15,608	0
Total		15,608	0	0	0	0	15,608	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	15,608	0	0	0	0	15,608	0
Total		15,608	0	0	0	0	15,608	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	STM-002		
Project Name	W Prairie		
Total Project Cost	\$270,188	Department	Storm Water
Type	New Construction	Category	Storm Sewer
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	0	270,188	0	0	0	270,188	0
	Total	0	270,188	0	0	0	270,188	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	270,188	0	0	0	270,188	0
	Total	0	270,188	0	0	0	270,188	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	STM-003		
Project Name	Parkview		
Total Project Cost	\$385,710	Department	Storm Water
Type	New Construction	Category	Storm Sewer
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	0	0	385,710	0	0	385,710	0
	Total	0	0	385,710	0	0	385,710	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	385,710	0	0	385,710	0
	Total	0	0	385,710	0	0	385,710	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	STM-004		
Project Name	W Fountain & Seldon		
Total Project Cost	\$365,632	Department	Storm Water
Type	New Construction	Category	Storm Sewer
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	0	0	0	365,632	0	365,632	0
	Total	0	0	0	365,632	0	365,632	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	0	365,632	0	365,632	0
	Total	0	0	0	365,632	0	365,632	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # STM-005
Project Name Sunset, Chapin & Turner

Total Project Cost	\$275,711	Department	Storm Water
Type	New Construction	Category	Storm Sewer
Priority	3 - Important	Phase	Phase 1
Status	Active		



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	0	0	0	0	275,711	275,711	0
	Total	0	0	0	0	275,711	275,711	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	0	0	275,711	275,711	0
	Total	0	0	0	0	275,711	275,711	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	WAS-001		
Project Name	Main Instrument Panel PLC		
Total Project Cost	\$65,000	Department	Wastewater/Sanitary Sewer
Type	Improvement	Category	Utilities
Priority	1 - Urgent	Phase	Phase 1
Status	Pending		

Description

Upgrade the Main Instrument Panel (MIP) PLC (Programable Logic Controller) to an Allen-Bradley5380 series.

Justification

The current MIP is an Allen-Bradley SLC 5/05 and is obsolete and the manufacturer has discontinued the product. The current SLC 5/05 was initially installed in 1991. The new equipment provides improved reliability, significantly reduces the risk of unexpected failures, and provides better support to critical systems.

Life Budget Utilization



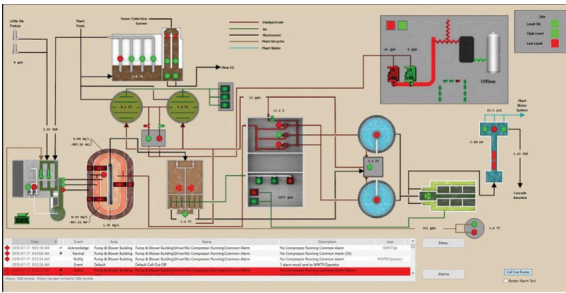
Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	65,000	0	0	0	0	65,000	0
	Total	65,000	0	0	0	0	65,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	65,000	0	0	0	0	65,000	0
	Total	65,000	0	0	0	0	65,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI



Project # WAS-002
Project Name SCADA Computer System

Total Project Cost	\$150,000	Department	Wastewater/Sanitary Sewer
Type	Replacement	Category	Equipment
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

Transition from the existing AVEVA In Touch system to the Inductive Automation Ignition system.

Justification

Current Supervisory Control and Data Acquisition (SCADA) equipment is due for replacement. Used for monitoring and controlling activity within the treatment plant and the collection system, the SCADA system is comprised of the computers, networked data communications and graphical user interfaces for high-level supervision of machines and processes. It also covers sensors and other devices programed to provide alarm settings to notify staff of operational issues.

The existing system was designed in the 1990s and made to be compatible with Windows 3.0. The new system will allow better tracking of data and trends, provide more accurate current data, and provide newer ways to manage data better. Also, The new system will enable more accurate tracking of flow totals and will reduce operating costs over time.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	150,000	0	0	0	0	150,000	0
	Total	150,000	0	0	0	0	150,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	150,000	0	0	0	0	150,000	0
	Total	150,000	0	0	0	0	150,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	WAS-003		
Project Name	Fiber Install		
Total Project Cost	\$25,000	Department	Wastewater/Sanitary Sewer
Type	Improvement	Category	Utilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

Complete fiber install within the treatment plant connecting all operating systems with SCADA.

Justification

Some elements of the sewage treatment plant rely on unreliable radio communications. Hard wiring all operating features of the plant, such as the clarifiers, aeration basin, the belt press, etc. with the central SCADA system will improve data processing.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	0	25,000	0	0	0	25,000	0
	Total	0	25,000	0	0	0	25,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	25,000	0	0	0	25,000	0
	Total	0	25,000	0	0	0	25,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	WAS-004		
Project Name	Telemetry Radios		
Total Project Cost	\$114,999	Department	Wastewater/Sanitary Sewer
Type	Improvement	Category	Equipment
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Transition to FCC licensed UHF Aprisa SR+ network.

Justification

Currently, communication relies on a private wireless radio telemetry network for eleven lift stations and blower PLC at the WWTF. The MDS radios are obsolete.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	38,333	38,333	38,333	0	0	114,999	0
	Total	38,333	38,333	38,333	0	0	114,999	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	38,333	38,333	38,333	0	0	114,999	0
	Total	38,333	38,333	38,333	0	0	114,999	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	WAS-007		
Project Name	WWTF SCADA Network Extension		
Total Project Cost	\$30,000	Department	Wastewater/Sanitary Sewer
Type	Improvement	Category	Utilities
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Install a point to point wireless or fiberoptic network link between the administration building and the solids building.

Justification

Currently we rely on an old private wireless radio telemetry network connection for the blower PLC at the WWTF. MDS Transnet radios are obsolete.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	0	30,000	0	0	0	30,000	0
	Total	0	30,000	0	0	0	30,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	30,000	0	0	0	30,000	0
	Total	0	30,000	0	0	0	30,000	



Project #	WAS-008		
Project Name	Snow Pusher Attachment		
Total Project Cost	\$30,000	Department	Wastewater/Sanitary Sewer
Type	Improvement	Category	Equipment
Priority	4 - Consideration	Phase	Phase 1
Status	Active		

Description

Acquire a snow pusher attachment for the existing end loader.

Justification

Instead of purchasing a truck & plow for the Waste Water Treatment Plant, an attacment for the existing front end loader is considered to be a more economical investment.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Equip/Vehicles/Furnishings	30,000	0	0	0	0	30,000	0
	Total	30,000	0	0	0	0	30,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	30,000	0	0	0	0	30,000	0
	Total	30,000	0	0	0	0	30,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	WAS-009		
Project Name	Televising Equipment and Trailer		
Total Project Cost	\$255,000	Department	Wastewater/Sanitary Sewer
Type	Maintenance	Category	Utilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

Acquiring the materials necessary for the Sanitary Department to take on a larger role in system inspections and repairs. The acquisition would include a specialized crawler camera, monitor & recorder, large reel, and other componants.

Justification

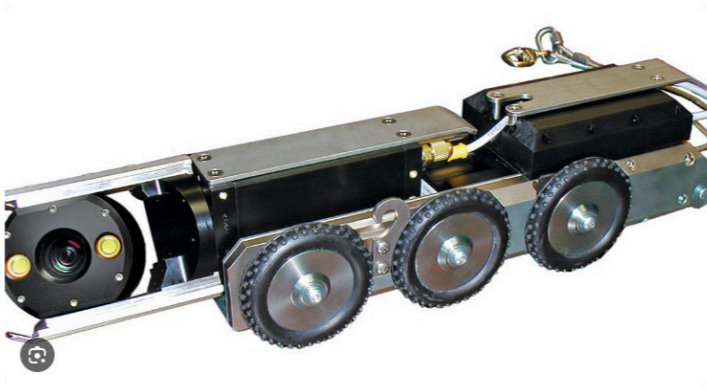
In the past the Sanitary Department has had to rely on contracted services to perform more thorough and accurate televising operations. By equipping our department with modern technology we will be able to take on this work ourselves, based on our schedule.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	255,000	0	0	0	0	255,000	0
	Total	255,000	0	0	0	0	255,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	255,000	0	0	0	0	255,000	0
	Total	255,000	0	0	0	0	255,000	





Project #	WAT-001		
Project Name	Water Tower		
Total Project Cost	\$417,918	Department	Water Utility
Type	Maintenance	Category	Utilities
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Water tower at Tower Drive sand blast and repaint.

Justification

The city's water tower not only maintains water pressure for the cities residents and businesses but, it is also a large symbol and billboard for the city itself. The focus is to keep this large metal structure clean and free of any rust stains.

Life Budget Utilization



\$417,918 of \$417,918 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	0	0	0	417,918	0	417,918	0
	Total	0	0	0	417,918	0	417,918	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	0	417,918	0	417,918	0
	Total	0	0	0	417,918	0	417,918	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	WAT-002		
Project Name	Annual Hydrant Replacement		
Total Project Cost	\$505,250	Department	Water Utility
Type	Replacement	Category	Utilities
Priority	3 - Important	Phase	Phase 1
Status	Active		

Description

Creating a hydrant replacement program for our aging infrastructure.

Justification

The majority of the 366 fire hydrants in the city are 50 years old or older, some are damaged over time and some are failing due to age. The first year is intended to create an existing inventory of 11 (+/-) hydrants with the following years ordering 5 hydrants per year.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	0	155,250	70,000	70,000	70,000	365,250	140,000
	Total	0	155,250	70,000	70,000	70,000	365,250	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	155,250	70,000	70,000	70,000	365,250	140,000
	Total	0	155,250	70,000	70,000	70,000	365,250	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	WAT-003		
Project Name	Plant No.2 Booster Pump Replacement		
Total Project Cost	\$250,000	Department	Water Utility
Type	Replacement	Category	Utilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

3 water pumps within plant No.2 to be replaced.

Justification

The life expectancy of said pumps has expired (33 years old). Although the pumps have been maintained, there is the potential for complete failure and then emergency replacement.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	250,000	0	0	0	0	250,000	0
	Total	250,000	0	0	0	0	250,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Funding	250,000	0	0	0	0	250,000	0
	Total	250,000	0	0	0	0	250,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project # WAT-004
Project Name Plant No.2 Well Pump Replacement

Total Project Cost	\$150,000	Department	Water Utility
Type	Replacement	Category	Utilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

Replacing the water pump in Well No.2.

Justification

The existing pump is over 30 years old and past its life expenctancy. This is the mechanism used to draw water up from our No.2 well.

Life Budget Utilization



\$150,000 of \$150,000 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Expenditure	150,000	0	0	0	0	150,000	0
	Total	150,000	0	0	0	0	150,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Unassigned Funding	150,000	0	0	0	0	150,000	0
	Total	150,000	0	0	0	0	150,000	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	WAT-005		
Project Name	Pipe Painting		
Total Project Cost	\$52,451	Department	Water Utility
Type	Improvement	Category	Utilities
Priority	4 - Consideration	Phase	Phase 1
Status	Active		

Description

Painting the existing pipe infrastructure (color coded) in plant No.2

Justification

The DNR requires that the color coded painting of the existing water pipe infrastructure within the plant be refreshed on a regular basis.

Life Budget Utilization



\$52,451 of \$52,451 (100%)

Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Maintenance	0	0	52,451	0	0	52,451	0
	Total	0	0	52,451	0	0	52,451	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	0	0	52,451	0	0	52,451	0
	Total	0	0	52,451	0	0	52,451	

2027 thru 2031

Capital Improvement Plan

City of Columbus, WI

Project #	WAT-006		
Project Name	Land Acquisition		
Total Project Cost	\$275,000	Department	Water Utility
Type	New Construction	Category	Utilities
Priority	2 - Very Important	Phase	Phase 1
Status	Active		

Description

Purchasing land for a new water plant.

Justification

The city is in need of a new water plant and a feasibility study was completed identifying an area suitable for building said plant.

Life Budget Utilization



Prior	Expenditures	2027	2028	2029	2030	2031	Total	Future
0	Construction	275,000	0	0	0	0	275,000	0
	Total	275,000	0	0	0	0	275,000	

Prior	Funding Sources	2027	2028	2029	2030	2031	Total	Future
0	Borrowing	275,000	0	0	0	0	275,000	0
	Total	275,000	0	0	0	0	275,000	