

CITY OF WAUSAU

Capital Improvement Program Planning 2020



Date 6-21-19

CAPITAL IMPROVEMENT PROGRAM 2020 REQUEST SUMMARY

6/21/2019

CAPITAL REQUESTS	Dept	PROJECT	Other Funds	Funding Description	CIP REQUEST
Financial/HR System Rplcmt (2 Yrs)	CCIT-Finance	\$560,000			\$560,000
Municipal Court Application Rplcmt	CCIT-MncplCrt	\$93,000			\$93,000
Point of Sale Cashing System Rplcmt	CCIT-Finance	\$170,000			\$170,000
Metro Ride IT Modernization Upgrd	CCIT-MetroRide	\$40,000			\$40,000
Special Assessment Software	CCIT-Finance	\$90,000			\$90,000
Airport Hanger 3 door replacement	DPW-Airport	\$150,000			\$150,000
Airport Gantry crane	DPW-Airport	\$30,000			\$30,000
Airport T hanger roof and building repairs	DPW-Airport	\$150,000			\$150,000
Patch Truck Car Port	DPW-Streets	\$47,030			\$47,030
Land Acquisition	DPW-Streets	\$275,000			\$275,000
City Hall - Chiller Replacement	DPW-Facility	\$160,000			\$160,000
Safety Building - Improvements	DPW-Facility	\$60,000			\$60,000
City Hall - Concrete Repairs	DPW-Facility	\$45,000			\$45,000
GIS - Aerial Photo & LiDAR	DPW-GIS	\$50,000			\$50,000
Extrication Equipment	Fire	\$65,000			\$65,000
Remodel Station 1 - Central	Fire	\$152,680			\$152,680
EMS Monitors	Fire	\$160,000			\$160,000
Dragon Natural Speaking for Law Enfrcmt	Police	\$65,000	\$40,000	\$15K spent, \$25K Forfeiture Funds	\$25,000
Shooting Range/Training Facility	Police	\$300,000			\$300,000
Floor Scrubber/Sweeper	Transit	\$49,000			\$49,000
Facility Maintenance	Transit	\$35,752			\$35,752
Memorial Park Seawall	Parks	\$135,000			\$135,000
Playground Equipment	Parks	\$95,000			\$95,000
Tennis Court Replacement	Parks	\$50,000			\$50,000
Wausau Dog Park	Parks	\$25,000	\$5,000	Donations	\$20,000
Sylvan Hill Parking Lot	Parks	\$125,645			\$125,645
					\$0
		\$3,178,107	\$45,000		\$3,133,107

Other Funding Sources	PROJECT	Other Funds	Description	CIP REQUEST	
Park Rolling Stock (\$346,920 Total, City 50%)	Parks	\$173,460	\$173,460	Motor Pool Funding	\$0
Motor Pool Vehicle Replacement	Motor Pool	\$2,002,534	\$2,002,534	Motor Pool Funding	\$0
Motor Pool Vehicle Leases	Motor Pool	\$216,041	\$216,041	Motor Pool Funding	\$0
Infrastructure Projects-2020	Infrastructure	\$6,667,125	\$1,815,000	Infrastrc Spcl Funding + Spcl Assmt I	\$4,852,125
		\$9,059,160	\$4,207,035		\$4,852,125

Total Funding Requests	\$12,237,267	\$4,252,035	\$7,985,232
------------------------	---------------------	--------------------	--------------------

Capital Plan:

Resources	
General Property Tax Levy	560,000
CIP Debt Issue	2,500,000
Total Resources	\$3,060,000

Shortfall	(\$4,925,232)
------------------	----------------------

CITY OF WAUSAU

AIRPORT

**CITY OF WAUSAU
WAUSAU AIRPORT
LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR		Type	Project	Othr Funds	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION										
1	No 2020 Requests	NA			-					-
2										-
3										-
4										-
5										-
6										-
					\$ -	\$ -	\$ -		\$ -	\$ -

CIP FORECAST- FUTURE YEARS PLANNING		Type	Project	Othr Funds	2020	2021	2022	2023	2024	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	Grass Runway 09/27 Rehab (FAA Funding)	Infrstr	100,000	100,000		0				0	
2	Part 77 Tree Trimming (FAA Funding)	Infrstr	350,000	175,000		175,000				175,000	
3	Hangar Maintenance Upgrades (State or Fed Fndg)	Bldg	350,000	280,000			70,000			70,000	
4	Airport Parking Lot Expansion Solar Panel Car Shelters (FAA Funding)	Infrstr	600,000	480,000				120,000		120,000	
5	LED Runway/Taxiway Guidance/Signage (FAA & State Funding)	Infrstr	250,000	237,500					12,500	12,500	
6										-	
					\$ 1,650,000	\$ 1,272,500	\$ -	\$ 175,000	\$ 70,000	\$ 120,000	\$ 12,500
					\$ 1,650,000	\$ 1,272,500	\$ -	\$ 175,000	\$ 70,000	\$ 120,000	\$ 12,500
					\$ 1,650,000	\$ 1,272,500	\$ -	\$ 175,000	\$ 70,000	\$ 120,000	\$ 12,500
					\$ 1,650,000	\$ 1,272,500	\$ -	\$ 175,000	\$ 70,000	\$ 120,000	\$ 12,500

Wausau Downtown Airport 6-Year Plan Project Proposal 2020

Project	Year	Cost	Remarks	Additional Funding
Grass Runway 9/27 Rehabilitation	2021	\$100,000	Irrigation system install, seeding,	Yes (signage & marking)
Part 77 Tree Trimming for Runway Approaches	2021	\$350,000 Local: 5% State: 5% FAA: 90%	A requirement for FAA funding is maintenance of Part 77 Airspace	Yes
Hangar Building Upgrades: Corporate Hangar #3 replacement, T-hangar 01-10 upgrades	2022	\$350,000	Last door repair done in 2012 was meant to give door another 3 years life. Schweiss retrofit may be less Various preventative maintenance issues which will extend building usefulness 8-10 years	yes
Parking Lot Expansion w/ solar panel car shelters, Concrete Apron Repair	2023	\$600,000 Local: 5% State: 5% FAA: 90%	Increased use of Alexander Airport Park, Learn Build Fly activity, East Hangar Development Area Growth & a need for overnight parking, Repairing cracks in re-enforced apron	Yes
Runway/Taxiway Guidance Signage-LED	2024	\$250,000 Local: 5% State: 5% FAA: 90%	Reduces annual operating utility costs	Yes Maybe WPS credits
Emergency Access/Perimeter Inspection Road	2025	\$2,000,000 Local: 20% FAA: 80%	Starting river NE side of rwy 13 around to Radtke park 12,700' x 25	Yes
East Hangar Development Area Phase II Install: sewer/water, utilities, taxiway installation east hangar road installation	2026	\$500,000 Local: 5% State: 5% FAA: 90%	Year depends on demand for private hangar construction	Yes
Airport Snow Removal Vehicle	2026	\$400,000 Local: 5% State: 5% FAA: 90%	As necessary	Yes
Runway 5/23 Reconstruction/Re-Design 5/23 Runway Lighting System/PAPI/	2027	\$2,000,000 Local: 5% State: 5% FAA: 90%	runway is only eligible for 60' wide est. \$1,300,000 + \$700,000 for lighting	Yes
Runway 13/31 Reconstruction	2028	\$2,773,000 Local: 5% State: 5% FAA: 90%	\$2,773,000 @ 100' wide; only eligible for 75' wide \$2,100,000; sponsor difference \$673,000 to construct @ 100'	Yes
Rotating Beacon Replacement	2029	\$200,000	Current beacon is over 40 years old	Yes
Taxiway & Runway Pavement Crack Sealing & Sealcoating	2030	\$300,000	Last sealcoat & crack sealing projects completed in 2018/2019	Yes

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Runway 9/27 Rehabilitation	Plan Year: 2021
Classification: Replacement & Repair	Department: Airport
Priority: medium	Contact Name: John P. Chmiel
Useful Life: 30 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

9/27 is the original grass runway at the airport. In 1992 it was closed when the ASOS weather station was installed in that location. The East Hangar Development Area has necessitated relocation of the ASOS equipment to a different location on the airport. The 9/27 grass runway can now be reinstalled as an "official" FAA grass runway. This runway is located on part of the balloon rally grounds. Although grass grows here, an improved species of grass will grow in this location with the right amount of water. An irrigation system will improve the balloon rally area for Wausau's largest outdoor event and create a runway which will actually be an attraction to aviators from around the region. The project will include installation of an irrigation system, seeding the runway and balloon rally ground

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

This project is likely eligible for FAA funding, Becher Hoppe will likely be the selected as the consultant for the project. They can begin architectural design in January and likely put out for bids in March. They will coordinate project calendar with the BOA/FAA

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input checked="" type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input checked="" type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The grass growing in this area only grows in clumps. Dry areas around these clumps are dusty. There is poison ivy in the balloon rally area. This project would eliminate the poison ivy and provide an area which would be dirt free and appealing to the public for the balloon rally and landing aircraft. The balloon rally is Wausau's largest annual outdoor event. A premier grass runway will attract visitors to Wausau for training. It could also attract pilots to relocate their aircraft to our airport. Both reasons will increase fuel flow and demand for hangar development at our airport

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Improving this area creates a better environment for the balloon rally and safe landing conditions for pilots.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

It is likely that FAA funding would be available for the signage and taxiway marking. An increase in transient traffic and airport tenants will likely increase fuel flow at the Wausau airport generating revenue for the operating budget. The runway could attract aircraft owners to the Wausau Airport. This has the potential to increase private hangar development at the airport. Hangars generate tax revenue and land lease revenue for the City of Wausau.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Part 77 Tree Trimming for Runway Approaches	Plan Year:	2021
Classification:	Replacement & Repair	Department:	Airport
Priority:	medium	Contact Name:	John P. Chmiel
Useful Life:	30 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

FAA mandates require that the airport maintain the airspace around the airport free of obstructions. This regulation is called part 77. Trees are included as an obstruction. Trees grow. It's time to cut trees around the airport again. The last time we had to do this was about 2004.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

This this project is likely eligible for FAA funding, Becher Hoppe will likely be the selected as the consultant for the project. They can begin architectural design in January and likely put out for bids in March. They will coordinate project calendar with the BOA/FAA

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/>	Addresses critical health or safety hazard.	<input type="checkbox"/>	Serves to eliminate Blight
<input type="checkbox"/>	Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/>	Encourages economic development
<input checked="" type="checkbox"/>	Maintains or enhances systems that support existing city services.	<input type="checkbox"/>	Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/>	Provides new service, facility, system or equipment.	<input checked="" type="checkbox"/>	Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/>	Expands existing service into an undeveloped area.	<input type="checkbox"/>	This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/>	Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/>	Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/>	Supports a revenue generating service	<input type="checkbox"/>	Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The reason the runway approaches are maintained is for the safety of aircraft departing and arriving aircraft. It is a requirement of FAA funding ON ANY PROJECT.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Not maintaining the airspace around the airport can prevent the FAA from funding any capital projects at the airport

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Airport Hangars Maintenance	Plan Year: 2022
Classification: Replacement & Repair	Department: Airport
Priority: medium	Contact Name: John P. Chmiel
Useful Life: 30 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Door to **corporate hangar #3** that we open to remove & replace aircraft will require replacement. The door is 80 feet wide and opens to a height of nearly 30 feet. Hangar #4 was replaced because of an insurance claim the winter of 2014. We expect to replace hangar #3 with the same Schweiss Door system. Cost of the replacement door this year is \$150,000. Retrofitting the current door with the Schweiss system is \$45,000, but the City would have to find an independent contractor to do the work. A new door is warranted by Schweiss. **T-Hangar 1-10** is a building with 10 individual hangar units. It was constructed in 1952. Concerns about it's integrity and useful life were put to rest after a structural engineer from Becher Hoppe inspected the building. The result was that if we performed some upgrades we could get an additional 10 years out of the building. Upgrades will include applying a sealcoat to the roof, maintenance to the door systems, and misc. maintenance to the siding and structure.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

This project is likely eligible for FAA funding, Becher Hoppe will likely be the selected as the consultant for the project. They can begin architectural design in January and likely put out for bids in March. They will coordinate project calendar with the BOA/FAA

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input checked="" type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Corporate #3 Door: This door required major maintenance in 2017. The original door manufacturer is now out of business. It has many moving parts and when something does break it takes some searching for replacement parts. They are steel bi-fold doors operated by a cable & pulley system and the door is 20 years old in 2018. The newer Schweiss door system uses a strap & torque bar system which is more reliable, easier to maintain, and safer. All other doors use the Schweiss system and these have proven to be relatively maintenance free. **T-hangar 1-10:** The building is 67 years old this year. It is operating at 100 % occupancy. It is the "budget" T-hangar at the airport. Wind events in our area in 2011 prompted review of the building. We want to make sure of the building's integrity to protect our tenant's aircraft.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

The impact of deferral must be evaluated annually. We have a door company inspect the door annually. The door operators are vigilant about operating in proper conditions. But a major component could break next year and require total replacement immediately. Mark Hanson and I agree that this door should be replaced within the next 3 years.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

There may be state or federal funding available for this project. Corporate hangar #3 is a major revenue producer for the airport. The aircraft sheltered in corporate hangar #3 consume at least 50% of the fuel flowed at the Wausau airport. With an inoperative door, we would not be able to shelter the most expensive and active aircraft on the airport for a minimum of 2 months. Hangars 1-10 generates \$11,160 annually for the operating budget. These hangars have been paid for since the 1960's with minimal maintenance required.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Parking Lot Expansion & Solar Panel Car Shelter, Apron concrete r	Plan Year:	2023
Classification:	design/engineering/demolition/construction	Department:	airport
Priority:	medium	Contact Name:	John P. Chmiel
Useful Life:	25+ years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Expansion of the parking lot north of corporate hangar #4. The parking lot would be approximately 16,000 square feet immediately north of the existing parking owned by the Airport/City. The parking lot will be west of the recently upgraded Alexander Airport Park. Reasons for the addition include increased use of the park by the public, increased overnight parking at the airport, traffic using the Learn Build Fly Educator Center, and use of the newly expanded East Hangar Development Area. The parking lot shelters would be similar to the system in the parking lot at Red Eye. The power generated could be used to power the rotating beacon at the airport and possibly the plug-ins for overnight parking, and the gate system. The **concrete apron** on the airport will cost \$1.2M to replace when it is at the end of its useful life. It in our best interests to repair any cracks in this surface to maintain it's integrity. The concrete in this area is re-enforced and it is very thick to accommodate very heavy large aircraft. The asphalt part of the ramp was crack sealed in 2017.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Because this project would receive FAA funding, Becher Hoppe will likely be the chosen consultant for the project by the BOA. Design completed by March 2023, bid by June 2023, project completed by November 2023

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/>	Addresses critical health or safety hazard.	<input type="checkbox"/>	Serves to eliminate Blight
<input type="checkbox"/>	Provides developed area with a comparable level of city services or facilities.	<input checked="" type="checkbox"/>	Encourages economic development
<input checked="" type="checkbox"/>	Maintains or enhances systems that support existing city services.	<input type="checkbox"/>	Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/>	Provides new service, facility, system or equipment.	<input checked="" type="checkbox"/>	Provides other rehabilitation, replacement or new construction.
<input checked="" type="checkbox"/>	Expands existing service into an undeveloped area.	<input type="checkbox"/>	This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/>	Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/>	Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/>	Supports a revenue generating service	<input checked="" type="checkbox"/>	Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The existing area is currently owned by the City so the project does not require land acquisition. The area could be made secure with fencing for secure overnight parking. Use of the airport and the new park is increasing so there is a coinciding demand for parking. Park users use both sides of Pied Piper. This parking lot would make it easier and safer to park near the park and we could increase public safety by eliminating parking on the west side of the Pied Piper in the street.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

This project may be eligible for FAA funding. It could qualify 50/50 local/FAA or as good as 95/5 FAA/local. The parking lot would be appealing to overnight users of the airport if it was secure. The solar panels would show the public a municipal commitment to alternative energy sources

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

The solar panels would reduce the electrical utilities costs associated with the rotation beacon

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Runway/Taxiway Guidance LED Signage	Plan Year: 2024
Classification: construction/maintenance	Department: Airport
Priority: high	Contact Name: John P. Chmiel
Useful Life: 30+ years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replacement of the current incandescent runway and taxiway signage with new LED lighted pedestals. Old signage will be replaced with FAA standardized signage.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Because this project is likely to receive FAA funding Becher Hoppe will likely be chosen as the consultant for the project by the BOA Design: spring 2024 Bids: May 2024 Implement: June 2024 Completion: October 2024

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input checked="" type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The current runway/taxiway incandescently lighted signage was installed over 30 years ago. Additional taxiways and taxi lanes have been installed at the airport over the last 30 years. Standardization of signage has changed and needs to be updated. Runway incursion avoidance is heavily reliant on proper signage and markings at the airport. It is time to update airport signage and markings to bring them up to FAA standards to enhance safety. LED lighting technology will lower operational expenses.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

FAA and State contributions are currently available for this project. Proper marking and signage is currently a high priority for the FAA.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Funding for a signage and marking project could be 95% FAA/State with 5% local since the project is eligible. There may also be funding assistance from WPS.

CITY OF WAUSAU

CCIT

**CITY OF WAUSAU
INFORMATION TECHNOLOGY (CCITC)
LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR	Dept	Type	Total Proj	Othr Funds	2020	2021	2022	2023	2024	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	Financial/HR System Rplcmt (2 Yrs)	Finance	Sftwr	560,000	-	310,000	250,000			560,000	
2	Municipal Court Application Rplcmt	Mncpl Crts	Sftwr	93,000	-	93,000				93,000	
3	Point of Sale Cashing System Rplcmt	Finance	Sftwr	170,000	-	170,000				170,000	
4	Metro Ride IT Modernization Upgrd	Metro Ride	Infstr	40,000	-	40,000				40,000	
5	Special Assessment Software	Finance	Sftwr	90,000	-	90,000				90,000	
6										-	
				<u>\$ 953,000</u>	<u>\$ -</u>	<u>\$703,000</u>	<u>\$250,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 953,000</u>

CIP FORECAST- FUTURE YEARS	Dept	Type	Total Proj	Othr Funds	2020	2021	2022	2023	2024	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	Microsoft Licensing of Office 360	All Depts	Sftwr	480,000	-	120,000	120,000	120,000	120,000	480,000	
2	Replace storage and server systems		Hrdwr	120,000	-	120,000				120,000	
3	Replace Software as vendors stop		Sftwr	300,000	-	75,000	75,000	75,000	75,000	300,000	
4	Phone System upgrade		Sftwr	125,000	-		125,000			125,000	
5				-						-	
6										-	
				<u>\$ 1,025,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$315,000</u>	<u>\$320,000</u>	<u>\$195,000</u>	<u>\$195,000</u>	<u>\$1,025,000</u>

CITY OF WAUSAU
2020 CAPITAL IMPROVEMENT PLAN SCORING MATRIX
INFORMATION TECHNOLOGY (CCITC)

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE				
				FI/HR System Rplcmt	Muni Courts Application	Pnt of Sale Cashiering System	Metro Ride IT Upgrade	Special Assessment Software
	0 points	1-5 points	6-10 points	\$560,000	\$93,000	\$170,000	\$40,000	\$90,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	3	3	3	3	3
Public Health and Safety	Project has no impact on existing health or safety issues.	Project would improve non-critical or non-urgent health or safety issues.	Project addresses immediate continual safety or health hazards or needs.	0	2	0	9	0
Mandates or Other Legal Requirements	Project is not mandated or required by legal obligations.	Project would address anticipated mandates or legal obligations.	Project is mandated or required due to legal obligations.		5		4	4
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	10	10	10	10	10
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	10	5	8	5	10
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	5	10	5	5	10
Public Perception of Need	The project has not been identified by the citizens as a need.	The project has been identified by the citizens as a need but lacks strong or overwhelming support.	Project has strong citizen and political support.					
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	5	5	5	5	5
Supports Economic Development	Project would discourage or directly prevent private capital investment, decrease the tax base, decrease property valuation, or decrease local job opportunities.	Project would have no impact on private capital investment, the tax base, valuation or local job opportunities.	Project would directly result in private capital investment, increased tax base, increased valuation or improved local job opportunities.					
Environmental Quality	Project would have a negative effect on the environmental quality of the city.	Project would not affect the environmental quality of the city.	Project would improve the sustainability of the environment.					
Feasibility of Project	Project is unable to proceed due to obstacles such as land acquisition, easements, other approvals. Project is not shovel ready.	Minor obstacles, plans or details exist but should not impact a timely implementation.	Project is entirely ready to proceed. No obstacles exist.	10	10	10	10	10
Blight and Crime Elimination	This project would have no impact on the reduction of crime or blight within the city.	This project will have limited impact on the reduction of crime or blight within the city.	This project impact the reduction of crime or blight within the city.				10	
Operational Budget Impact	Project would significantly increase personnel or other operating costs or decrease revenues.	Project would have a neutral impact on personnel or other operating costs or revenues.	Project would decrease personnel costs, or other operating costs or increase operating revenues.	4	2	5	2	2
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	2	10	2	2	10
TOTALS				49	62	48	65	64

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	New Financial/HR Management Solution	Plan Year:	2020
Classification:	Software Application Purchase and Implementation	Department:	CCITC
Priority:	High	Contact Name:	Gerry Klein
Useful Life:	10		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace current financial system (Cayenta) which includes General Ledger, Accounts Payable, Accounts Receivable, Human Resources, Payroll, Budgeting and Job Costing, .

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Release RFP Winter 2020, Vendor Selection Summer 2020, Anticipated Completion Date November 2021

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Current Financial system, Cayenta, was implemented in 1994. Since that time the software application was purchased by another vendor that dramatically declined the customer support we receive.

- Partner with a vendor that provides MUCH better support. Many bugs in the current system have went unresolved for months and sometimes years. Vendor is VERY slow to address any issue and has too much turnover and loss of institutional knowledge.
- Reliance on manual and paper-based processes
- Limited online and self-service functionality
- The City could further leverage integration with Laserfiche, the document management system
- The City could further leverage remote and mobile access to applications
- Limited query and reporting capabilities
- Limited integration capabilities in Human Resources and Payroll
- Login security issues with special characters and inability to use strong passwords.
- Minimize time monitor system for errors that require cumbersome resolutions
- Eliminate departments dual entry and dependencies maintaining data in spreadsheets.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Cayenta has additional modules that would offer features that we want or need. But we have chosen to go without or buy other applications because we are unhappy with the Cayenta products and support. Enhancements added in the last Cayenta upgrade, did not meet our needs and changes to processes added to our workflow and frustration.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

As with the current system, we plan on partnering with Marathon County on this purchase. The County will pay a larger portion of the total costs relative to the utilization difference. This partnership has been very effective in the past as the two Finance departments work together closely and have many similar needs and workflows. By purchasing a powerful enterprise resource planning solution that we can expand across departments to easily monitor key business intelligence will allow us to operate efficiently, be responsive and plan for the future.

- There could be significant savings on annual maintenance since the current software product has high annual maintenance costs. We won't know that though until we received RFP responses.
- Could drop annual maintenance for other applications like Sage Fixed Assets.
- Could do mandated reporting in house.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Replace iSeries Municipal Court Application	Plan Year:	2020
Classification:	Software	Department:	Municipal Court and Finance
Priority:	6-High	Contact Name:	Gerard Klein
Useful Life:	6-8 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The Municipal Courts application was written many years ago in an old programming language, COBOL. It runs on an IBM iSeries. As time has progressed, we've been finding solutions one by one that moved programs off of the iSeries onto CCITC Microsoft SQL servers or on to hosted solutions. Soon the Muni Courts application will be one of only 2 remaining applications still on the iSeries. When that happens, the City will pick up the total costs of the AS400 server lease from the County who currently pays a portion. There are other advantages though - The application is green screen and not modern looking. It's difficult to teach younger folks how to use these old applications that are not mouse friendly. Because our programming staff anticipated that we would decommission this application for a new purchased program, we have not enhanced it in the past few years. It does not interact seamlessly with the State DOT program for license suspensions of non-compliance or payment of fines. It does not interact seamlessly with the state DOR for Tax Intercept payments. It is not configured in a way that lets the Municipal Court Clerk easily make changes when necessary for letters or notifications.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Purchase a Municipal Court product early in 2020, import all citations with an outstanding balance into the new application, create the interfaces to The Active Network application, train all users and be live with the new system before the fourth quarter of 2020. Active network will cost \$20,000 for configuration to the new system. We will be able to use the current Active to Municipal Courts license.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The iSeries is very expensive to maintain and this application is very old technology that new developers are untrained in. We believe that we will be able to find a reasonably-priced software product on the market that will meet their needs..

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

There is a cost of NOT doing this project - We would have to keep the iSeries hosted contract in place at a cost of \$25,000. The only applications running on the hosted iSeries belong to the City, so the City will bear the entire cost.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

See above. Prices are from TipSSCourts and Active.com

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Point of Sale Integration	Plan Year: 2020
Classification: Information Technology	Department: Finance
Priority: High	Contact Name: MaryAnne Groat / Gerard Klein
Useful Life: 10 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

CLASS by Active Network, LLC is the Point of Sale product that Finance is using. It was purchased and implemented several years ago. This program allows Clerk Customer Service personnel to use a single program to take payments for Wausau Water Works, Taxes, Special Assessments, Community Development Loans, Parking, General Ledger, Accounts Receivable and Court Citations. Active Network has become unresponsive to our upgrade needs. They are unable to provide updates needed when the programs we use are changed. CLASS is quickly reaching end of life. Because the City is changing the software that CLASS interfaces with, it is in our best interest to replace CLASS and only pay for the changes once. **UPDATE: 7/1/2019 - Active Network is now telling us that we have two products of theirs - Payment Manager and CLASS. They have stopped support for the CLASS piece effective November 2017. They still support Payment Manager. Based on this new information, this is now a critical project.**

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

An RFP will be issued in late 2019 or early 2020 with selection and implementation in 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input checked="" type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Changes are needed to the current point of sale system that will be costly. Since it is near end of life, it would be in the City's best interest to investigate a replacement that will meet our needs.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

See above.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Metro Ride Modernization / Security	Plan Year:	2020
Classification:	Information Technology	Department:	CCITC
Priority:	3 - Medium	Contact Name:	Daryn White
Useful Life:	7 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The Metro Ride facility at 420 Plumer St and the Wausau Transit station on Jefferson St are in need of several IT infrastructure updates:
 The current door security hardware in non-functional and is in need of replacement.
 The current phone system is at end of life and is in need of replacement. In order to facilitate a new phone system, IT infrastructure also needs to be updated at the Plumer Street facility.
 We are working on a network fiber run from the Courthouse to the Transit Station in 2019 as part of the parking kiosk project. If/When completed, this would allow for the city to reuse the door control system from City Hall to manage door security at Jefferson Street Transit Center. Across this same fiber line we would be able to extend the CCITC Cisco phone system and add cameras that store video back o the City Hall Genetec System. We propose changing several doors to electronic card strike access, adding cameras and phones. This project is dependent on the fiber project being completed in 2019.
 We also plan to do a pilot with several busses to use Google Transit to give riders the ability to see current bus arrival times.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

These items would be implemented in 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Equipment is at end of life and / or is not functional.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

These items have been put off because the individual threshold for CIP couldn't be met without combining into a single project and State/Federal transit operating funds cannot be used for these projects. A functional security system at the Plumer St. facility has the potential to deter any number of threats and improve efficiency when doors no longer need to be manually locked. By getting on the current City phone system Metro Ride would be able to take advantage of existing economies of scale. Network at the transit facility will allow for badge security and real time video monitoring. Real time routing GPS and associated applications are expected from consumers as technology continues to drive that direction.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Aging / obsolete infrastructure replacement. Security measures. ROI is not applicable. No direct return on investment. Potentially more ridership when able to pursue from phone or internet.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Special Assessment & Point of Sale Integration	Plan Year:	2020
Classification:	Information Technology	Department:	Finance
Priority:	7	Contact Name:	MaryAnne Groat / Gerard Klein
Useful Life:	10 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The Land Records application was written many years ago internally at CCITC. As it was developed and matured we added several custom modules. One of those handles City Special Assessments. The application is written in COBOL and runs on an IBM iSeries which is leased. In 2019 the County funded replacement of the Land Records system. The new application from Transcendent does not have a Special Assessment module. We need to find a new solution as the City will not want to maintain the Leased AS400 costs by themselves. Also, COBOL and the iSeries AS400 are both old technology. The programming language hasn't been taught in colleges for about 20 years. We are unable to hire new COBOL programmers. Currently we have contracted a retired CCITC employee to temporarily maintain both the application and the server. The cost to host this application offsite is \$25,000+/year. Once replaced, we'll also need to rebuild the interface between Special Assessments and our city's Cashiering application from Active Networks. This is at a cost of \$10,000 for a new license and \$20,000 for the configuration for Special Assessments and \$20,000 for the configuration of Tax Collections.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

An RFP will be issued in late 2019 or early 2020 with selection and implementation in 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input checked="" type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Special Assessments are charges that are assessed against a property for road, sidewalk, water main and sewer improvements that benefit each property. These charges are then billed to the property owner. This program creates the bills, and accurately assesses each property owner, allows for deferred payments based on a multiyear payment schedule, keeps track of amounts due, including interest and moves correct amounts to the tax bill. Without this system, all bills and collections will need to be maintained manually.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

THERE IS A COST OF NOT DOING THIS PROJECT. As of 1/1/2020 the entire lease costs of the AS400 will be born by the City of Wausau. Marathon County will no longer have any data on it and will not be sharing the \$25,000 costs nor the costs for specialized contract COBOL programming help. We'll either try to find a new application off the shelf or, if there is no funding we'll have to try and free up programming resources in order to write this application in house. CCITC cannot guarantee that they'll have programming resource capacity to do this project without increasing CCITC support costs.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

THERE IS A COST OF NOT DOING THIS PROJECT. As of 1/1/2020 the entire lease costs of the AS400 will be born by the City of Wausau. Marathon County will no longer have any data on it and will not be sharing the \$25,000 costs nor the costs for specialized contract COBOL programming help.

CITY OF WAUSAU

**DEPARTMENT OF
PUBLIC WORKS**

**CITY OF WAUSAU
DEPARTMENT OF PUBLIC WORKS & UTILITIES
LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR	Dept	Total Proj	Other Funds	Type	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION										
1	Airport Hanger 3 door replacement	Airport	150,000		150,000					150,000
2	Airport T hanger roof and building repairs	Airport	150,000		150,000					150,000
3	Airport Gantry crane	Airport	30,000		30,000					30,000
4	Patch Truck Car Port	DPW- Strts	47,030		47,030					47,030
5	Land Acquisition	DPW- Strts	275,000		275,000					275,000
6	City Hall - Chiller Replacement	Facility	160,000		160,000					160,000
7	City Hall - Concrete Repairs	Facility	45,000		45,000					45,000
8	Safety Building - Improvements	Facility	60,000		60,000					60,000
9	GIS - Aerial Photo & LiDAR	GIS	50,000		50,000					50,000
			<u>\$ 967,030</u>		<u>\$ 967,030</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 967,030</u>

CIP FORECAST- FUTURE YEARS	Dept	Total Proj	Other Funds	Type	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION										
1	Airport T hanger roof and building repairs	Airport	150,000			50,000	50,000	50,000		150,000
2	Airport Hanger 3 door replacement	Airport	200,000			200,000				200,000
3	Design Engineering - Maintenance Shop	DPW- Strts	85,000			85,000				85,000
4	Land Acquisition	DPW- Strts	80,000			80,000				80,000
5	Construct New Maintenance Shop	DPW- Strts	2,979,150				2,979,150			2,979,150
6	Replace Heavy Duty vehicle lift	DPW- MtPl	120,000					120,000		120,000
7	Safety Building - Cooling Tower	Facility	165,000				165,000			165,000
8	Airport - Facility Improvements	Facility	90,000						90,000	90,000
9	Fire Station 3 - Improvements	Facility	50,000						50,000	50,000
10	GIS - Aerial Photo & LiDAR	GIS	60,000			60,000				60,000
			<u>\$ 3,979,150</u>		<u>\$ -</u>	<u>\$ 475,000</u>	<u>\$ 3,029,150</u>	<u>\$ 335,000</u>	<u>\$ 140,000</u>	<u>\$ 3,979,150</u>

CITY OF WAUSAU
2020 CAPITAL IMPROVEMENT PLAN SCORING MATRIX
Department of Public Works & Utilities - Facilities

CRITERIA	POSSIBLE SCORE			Airport - Hanger 3 Door	Airport - Gantry Crane	Airport - Hangar Roofs	Patch Truck Carport	Land Acquisition
	0 points	1-5 points	6-10 points	\$150,000	\$30,000	\$150,000	\$47,030	\$275,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	7	6	7	6	5
Public Health and Safety	Project has no impact on existing health or safety issues.	Project would improve non-critical or non-urgent health or safety issues.	Project addresses immediate continual safety or health hazards or needs.	8	5	5	5	0
Mandates or Other Legal Requirements	Project is not mandated or required by legal obligations.	Project would address anticipated mandates or legal obligations.	Project is mandated or required due to legal obligations.	0	0	0	0	0
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	8	8	8	10	5
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	5	5	5	10	0
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	0	0	5	0	8
Public Perception of Need	The project has not been identified by the citizens as a need.	The project has been identified by the citizens as a need but lacks strong or overwhelming support.	Project has strong citizen and political support.	0	0	0	0	0
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	8	8	5	5	5
Supports Economic Development	Project would discourage or directly prevent private capital investment, decrease the tax base, decrease property valuation, or decrease local job opportunities.	Project would have no impact on private capital investment, the tax base, valuation or local job opportunities.	Project would directly result in private capital investment, increased tax base, increased valuation or improved local job opportunities.	5	5	5	5	0
Environmental Quality	Project would have a negative effect on the environmental quality of the city.	Project would not affect the environmental quality of the city.	Project would improve the sustainability of the environment.	5	5	5	10	5
Feasibility of Project	Project is unable to proceed due to obstacles such as land acquisition, easements, other approvals. Project is not shovel ready.	Minor obstacles, plans or details exist but should not impact a timely implementation.	Project is entirely ready to proceed. No obstacles exist.	10	10	10	10	10
Blight and Crime Elimination	This project would have no impact on the reduction of crime or blight within the city.	This project will have limited impact on the reduction of crime or blight within the city.	This project impact the reduction of crime or blight within the city.	0	0	0	0	0
Operational Budget Impact	Project would significantly increase personnel or other operating costs or decrease revenues.	Project would have a neutral impact on personnel or other operating costs or revenues.	Project would decrease personnel costs, or other operating costs or increase operating revenues.	7	7	5	7	5
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	8	6	8	8	0
TOTALS				71	65	68	76	43

CITY OF WAUSAU
2020 CAPITAL IMPROVEMENT PLAN SCORING MATRIX
Department of Public Works & Utilities - Facilities

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE			
	0 points	1-5 points	6-10 points	City Hall Chiller	Safety Bldg improvements	City Hall concrete	GIS - Aerial & LIDAR
				\$160,000	\$60,000	\$45,000	\$50,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	10	8	7	10
Public Health and Safety	Project has no impact on existing health or safety issues.	Project would improve non-critical or non-urgent health or safety issues.	Project addresses immediate continual safety or health hazards or needs.	8	9	9	0
Mandates or Other Legal Requirements	Project is not mandated or required by legal obligations.	Project would address anticipated mandates or legal obligations.	Project is mandated or required due to legal obligations.	0	0	0	0
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	10	10	9	10
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	6	7	7	10
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	7	9	6	10
Public Perception of Need	The project has not been identified by the citizens as a need.	The project has been identified by the citizens as a need but lacks strong or overwhelming support.	Project has strong citizen and political support.	0	0	0	5
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	10	8	7	7
Supports Economic Development	Project would discourage or directly prevent private capital investment, decrease the tax base, decrease property valuation, or decrease local job opportunities.	Project would have no impact on private capital investment, the tax base, valuation or local job opportunities.	Project would directly result in private capital investment, increased tax base, increased valuation or improved local job opportunities.	5	5	5	7
Environmental Quality	Project would have a negative effect on the environmental quality of the city.	Project would not affect the environmental quality of the city.	Project would improve the sustainability of the environment.	10	5	5	5
Feasibility of Project	Project is unable to proceed due to obstacles such as land acquisition, easements, other approvals. Project is not shovel ready.	Minor obstacles, plans or details exist but should not impact a timely implementation.	Project is entirely ready to proceed. No obstacles exist.	10	7	7	10
Blight and Crime Elimination	This project would have no impact on the reduction of crime or blight within the city.	This project will have limited impact on the reduction of crime or blight within the city.	This project impact the reduction of crime or blight within the city.	0	0	0	8
Operational Budget Impact	Project would significantly increase personnel or other operating costs or decrease revenues.	Project would have a neutral impact on personnel or other operating costs or revenues.	Project would decrease personnel costs, or other operating costs or increase operating revenues.	8	7	5	5
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	7	7	5	10
TOTALS				91	82	72	97

CITY OF WAUSAU

**DPW-AIRPORT
MAINTENANCE**

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Airport Hanger 3 door replacement	Plan Year: 2020-2021
Classification:	Department: DPW
Priority: high	Contact Name: Mark Hanson
Useful Life: 30 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace the current hanger door which is 80ft. X 32 ft. This door was installed in the early 1980's. There have been several repairs and modifications to the door because of failures, binding and storm damage. It is an old cable lift design which is unreliable and dangerous to operate. Housed in this hanger are multi million dollar airplanes that need to move in and out of the building almost daily.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

A sole source document will be submitted from Schweiss overhead door for the replacement of the door. Replacement can begin in the spring. Schweiss is the only door manufacturer that builds the strap lift system which is installed on Hangers 1,2, and 4. The strap lifting system is the safest and most reliable system for this type of door. We have had very few issues with the doors on the other hangers. Foundation and column work will be completed in 2020 and the door installed in 2021.

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
--	--

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

This door is at the end of its useable life. Repairs and maintenance of the current door have become costly, time consuming and dangerous. Personnel are in danger every time this door is operated.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

If the door is not replaced soon, there is danger of the cables breaking. The cables have been replaced within the past few years but are unpredictable how long they will last. If 1 cable fails, it is costly and time consuming to repair. If more than 1 cable fails, it could result in major damage to the door and the building. A new door would enhance the service of the hanger.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Replacement of this door would enhance the operation of the airport, and increase the safety and reliability of the entire building. This would also reduce the risk of liability and loss of revenue for the airport.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: T hanger roof repairs	Plan Year: 2020-2024
Classification:	Department: Public Works / Airport
Priority: High	Contact Name: Mark Hanson
Useful Life: 25 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Repairs and replacement of some of the roofs and doors on the T hangers at the airport

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Hanger 15 roof to be repaired first. There are several leaks and gaps in the metal roof. Work can begin in spring of 2020. Some of the other building repairs can occur in the summer. Other roof and building repairs can occur in subsequent years

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input checked="" type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
--	---

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Some of the T hangers at the airport are getting old to the point where a lot of maintenance will be required. A structural engineer was hired a few years ago to inspect overall condition, and one of the results was the building structures were good, but some metal work to the outsides of the hangers would need to be done in order to maintain the structures condition.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

If these hangers are let go, eventually they will fall into a state of disrepair and need to either be scrapped or rebuilt at a much higher cost.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

To repair now would cost a lot less than if the buildings were left go for a few more years.

GANTT CHART OF PROJECT ACTIVITIES

T hanger roof repairs

Capital Improvement Program Request 2020-2024

Budget Amt: _____ \$300,000 _____ **Start Date:** _____ Feb 2020

Lead Person: _____ **End Date:** _____ Aug. 2024

YEAR 1: 2020	TIME FRAME (Start/End by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Planning/ Design		X										
Task: RFP/ RFQ/ Bid/ Award			X									
Task: replace hanger 15 roof						X						
Task: Repair adjacent hanger roofs												
Task:												
Task:												
Task:												
YEAR 2: 2021	TIME FRAME (Start/End Dates by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Repairs to other T hangers					X	X	X	X				
Task:												
Task:												
Task:												
Task:												
Task:												
YEAR 3: 2022	TIME FRAME (Start/End Dates by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Repairs to other T hangers					X	X	X	X				
Task:												
Task:												
YEAR 4: 2023	TIME FRAME (Start/End Dates by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Repairs to other T hangers					X	X	X	X				
Task:												
Task:												
YEAR 4: 2024	TIME FRAME (Start/End Dates by Month)											

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Purchase Gantry Crane for SRE building at the airport	Plan Year:	2020
Classification:		Department:	Public Works
Priority:	high	Contact Name:	Mark Hanson
Useful Life:	20 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Purchase a gantry crane for use at the airport SRE building. This building was designed to be used as a maintenance building and a Gantry Crane would allow for its full beneficial use as intended.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Obtain quotes in Jan to Feb, 2020. purchase in March. Install and put in service in Spring of 2020

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The addition of a gantry crane in the SRE building will allow the Motorpool mechanics to use the building more to perform work on airport equipment more efficiently

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

The current methods for performing work on airport equipment is time consuming and inefficient. The purchase of a crane will greatly enhance the usability of the building so the mechanics can work on the airports equipment more efficiently.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

This will save time for the mechanics and allow them to work in the SRE building on the airport equipment rather than transporting back to DPW for the typical repairs and maintenance.

CITY OF WAUSAU

**DPW-ENGINEERING/
GIS MAPPING**

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	GIS Ortho-Imagery & LiDAR	Plan Year:	2020
Classification:	GIS Implementation/ Eng. Services	Department:	GIS
Priority:	Critical	Contact Name:	Dan Kerntop
Useful Life:	Forever - Historical Record		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The project will acquire three types of city-wide digital imagery for 2020 (see attached map). The city will partner with the Wisconsin Regional Orthophotography Consortium (WROC) for the allowance of volume pricing. This partnership will provide color, digital orthophotos and LiDAR. The third type, oblique imagery, may require it's own RFP or sole source as we have done in the past due to the uniqueness of this product.

The current imagery and LiDAR data was originally acquired in 2015 through a 72 county consortium as part of our 5-year mapping data update cycle. Several more counties in Minnesota also partnered with the program. The city has numerous applications that require the most current photography and mapping information. Accurate and current information is necessary for the web-based mapping programs available to the public and city/county staff. These photographic images allow staff to determine where new growth has occurred, provide detailed photos of proposed projects, and provide visual reference for planning projects. The imagery and LiDAR data is provided to city departments and private firms to develop engineering plan sets, subdivision plats and numerous hard-copy maps and presentation materials.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

North Central Wisconsin Regional Planning Commission (NCWRPC) took the lead on coordination in the selection of a consultant to coordinate and facilitate the 2020 Wisconsin Regional Orthophotography Consortium (WROC) Digital Orthophotography/Elevation Data Program. By being a member of the NCWRPC the city has saved time by not having to create an RFP. As a result, NCWRPC created a Qualification-Based Selection Process (QBS). The QBS helps to choose a qualified consultant, encourage creativity and innovation, which overall should decrease the overall project cost. No individual RFP process needs to be done. Ayres Associates and Aerometric were selected based on the total combined scoring summary of each member of the selection committee. The City of Wausau GIS will meet and coordinate with local municipalities, NCWRPC, Marathon County and Ayres in the spring of 2018. During this time we will discuss the needs of the project in further detail. One of the other details to be discussed amongst the local municipalities is the collaboration for the oblique imagery. As stated in the project description, a separate RFP or sole source may be required for acquisition of oblique photos due to the uniqueness of the product. The flight and imagery acquisition itself will occur in the spring of 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

This project could have a potential to increase the workload of the GIS Division if and when user requests for this data occur. The city currently charges for time and material reimbursement for any digital or hard-copy products produced by the GIS Division. Planning and infrastructure projects between the city and contracted consultants almost always require some form of imagery or LiDAR data.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

With out this project there will be less information for private firms and city departments with development projects. Departments such as Engineering, Wausau Water Works, Wastewater, Street Maintenance, Community Development, Planning, Inspections, and Assessment have all expressed interest for this project.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

This project will indirectly impact city growth and development by allowing us to provide accurate infrastructure data to developers and potential employers. Accurate information is essential to Engineering, Wausau Water Works, Wastewater, Street Maintenance, Community Development, Planning, Wausau Water Works, Wastewater, and Assessment departments when working with development projects.

CITY OF WAUSAU

**DPW-FACILITY
MAINTENANCE**

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	City Hall Chiller Replacement	Plan Year:	2020
Classification:	construction	Department:	Maintenance
Priority:	Critical	Contact Name:	Brian Bartkowiak
Useful Life:	20 yrs		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace 30 year old existing roof top chiller, with new McQuay chiller that operates 25 % more effiecent over existing chiller

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

This would be an early spring or late fall project. With approval RFPcan be submitted in January accepted in February ordered and installed Mid April completed by early May in time for start of cooling season

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The existing chiller was purchased and installed 1990, it has preformed well over time but now we are experiencing trouble with the equipment. The refridgerant R22 is being phased out due to it's depletion to the ozone. Still available but very expensive to purchase. Costs of 100.00 a pound current chiller holds 100 lbs which makes for very expensive repairs. The new chiller has an enviromentally friendly refrigerant plus it operates up to 25 % more effient over the existing.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

More efficient to operate electrical bills and repairs would not be as costly

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Pelimentary numbers are estimated at 25 % more efficient with a payback in 10 yrs

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	City Hall Concrete Repairs	Plan Year:	2020
Classification:	Construction	Department:	Maintenance
Priority:	High	Contact Name:	Brian Bartkowiak
Useful Life:	12 yrs		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace deteriorating concrete to front entry to City Hall, Steps, Handi Cap Ramp , Side walk, and parking area

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Warm weather project April through October. RFP's could be accepted in March

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/>	Addresses critical health or safety hazard.	<input type="checkbox"/>	Serves to eliminate Blight
<input type="checkbox"/>	Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/>	Encourages economic development
<input checked="" type="checkbox"/>	Maintains or enhances systems that support existing city services.	<input type="checkbox"/>	Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/>	Provides new service, facility, system or equipment.	<input type="checkbox"/>	Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/>	Expands existing service into an undeveloped area.	<input type="checkbox"/>	This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/>	Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/>	Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/>	Supports a revenue generating service	<input checked="" type="checkbox"/>	Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Many of the expansion joints have been repaired multiple times. Steps to City Hall have been slowly deteriorating, the steel in the concrete is beginning to corrode which is causing the rust colored stains on the steps. Eventually from freeze thaw effect the leading edge of the steps will give away creating serious trip fall hazards

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Benefit is preventing trip/fall hazard creating liability for the city.

GANTT CHART OF PROJECT ACTIVITIES

City Hall Concrete Repairs

Capital Improvement Program Request 2020-2024

Budget Amt: \$45,000

Start Date: 2020

Lead Person: Brian Bartkowiak

End Date: 2020

YEAR 1: _____	TIME FRAME (Start/End by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Planning/ Design												
Task: RFP/ RFQ/ Bid/ Award												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												

YEAR 2: _____	TIME FRAME (Start/End Dates by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Public Safety Building Facility Improvements	Plan Year:	2020
Classification:	construction	Department:	Maintenance
Priority:	high	Contact Name:	Brian Bartkowiak
Useful Life:	15 yrs		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace carpeting in all hard office areas, replace second boiler

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Boiler and concrete repair would be a summer project, carpet could be replaced anytime of the year

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/>	Addresses critical health or safety hazard.	<input type="checkbox"/>	Serves to eliminate Blight
<input type="checkbox"/>	Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/>	Encourages economic development
<input type="checkbox"/>	Maintains or enhances systems that support existing city services.	<input type="checkbox"/>	Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/>	Provides new service, facility, system or equipment.	<input type="checkbox"/>	Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/>	Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/>	This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/>	Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/>	Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/>	Supports a revenue generating service	<input type="checkbox"/>	Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Carpeting in office entrances has been failing and repairs are being made every year. Due to heavy traffic the repairs do not last creating major trip hazards for employee's and guest's and appearance is poor. Exterior concrete has deteriorated over time and maintenance repairs are becoming more costly. The main visitor entrance into the building is in poor condition and is a trip hazard to both employees and visitors entering the building. One boiler was replaced in 2018 and the second boiler is in need of replacement, it is past its design life.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

The boilers have a \$ 3100.00 rebate through focus on energy and have a pay back of just over 5yrs. Carpet and concrete repairs should be completed to prevent potential trip/fall hazards.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Safety Building Cooling Tower	Plan Year: 2023
Classification: Construction	Department: Maint
Priority: high	Contact Name: Brian
Useful Life: 20 yrs	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace existing cooling tower to Safety building

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input checked="" type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
---	---

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The cooling tower aids the cooling equipment when running during peak demands (summer months). The tower is 22 yrs old and is in need of replacement. When the tower fails to operate it is not possible for the building cooling equipment to maintain operation. The tower also services the Fire Department cooling equipment in this building.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Replacement of the tower will aide in the cooling of the building for its occupants and for the mechanical services and technical equipment.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Airport Improvements	Plan Year: 2023 / 2025
Classification: construction	Department: Maint
Priority: high	Contact Name: Brian
Useful Life: 25 +	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace outdated inefficient deteriorated windows, rebuild maintenance storage shed and replace brick tuck pointing of terminal building. Electrical engineer services for future building electrical upgrade, demo of old civil air patrol building.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard. <input checked="" type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
---	--

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Some of the office windows had been replaced in early 2000, the remaining windows are around 60 years old. They are very inefficient and in very poor structural condition. Maintenance storage building has become a hazard to the employees where vital operation equipment is stored. The roof is leaking excessively even with repairs effecting the structure. Tuck pointing is in need in areas around the chimney and areas around doors and windows, areas where heat and moisture most effect the building. The electrical system is original to the building with several additions added over the years to provide service to building equipment.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

The airport has not seen any electrical upgrades to the main terminal bldg. Majority of the equipment and wiring is original. Updating the equipment will extend its capabilities well into the future, create a safer and more reliable system for employees, tenants and customers.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Station 3 improvements	Plan Year:	2024
Classification:	construction	Department:	Maint
Priority:	medium to high	Contact Name:	Brian Bartkowiak
Useful Life:	12 yrs furnace 25 yrs roof		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace outdated air conditioner and furnaces. Replace aging roof

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Projected for the year 2024

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input checked="" type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Life expectancy on mechanical equipment is 12 years. The roof life for our climate is 17 yrs. It has been 20 yrs since these up grades have been made to the building. Up dating these items benefits the City on efficiency and prevents water damage.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

The existing furnaces and air conditioner and roof was part of a building upgrade with repairs to Station 3 in 1999. The mechanical equipment has exceeded it's life expectancy, with the roof at it's life expectancy. Replacement of the shingles will aide in structural life of the building and for major repairs in event of water damage. Efficiency is much greater on heating and cooling equipment today which will aide in money saved on utilities

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Better efficiency in utilities, possible payback through focus on energy. Roof replacement benficial towards preventing water and structural damage.

CITY OF WAUSAU

DPW-MOTOR POOL
SHOP

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Replace Heavy Duty Vehicle Lift	Plan Year: 2023
Classification:	Department: DPW - Motorpool
Priority: High	Contact Name: Mark Hanson
Useful Life: 25 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace the shop floor hoist in the PM bay with a larger capacity unit

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

RFP sent out in January, purchase by March. Install by summer.

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
--	---

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The In floor hoist that is currently installed in the PM bay at DPW was installed in 1994. This unit is at the end of its useful life, and it has several parts that are getting worn out. Also this unit capacity is 50,000 lbs. and a new unit would lift about 75,000 lbs. With the added capacity, we would be able to lift a loaded truck if needed for maintenance or to change plow blades.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

If deferred the cost would increase and the old lift would wear out to the point of being a safety hazard

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Reduced workmen comp injuries due to safety issues.

FINANCIAL DETAIL OF PROJECT

Replace Heavy Duty Vehicle Lift

CAPITAL BUDGET IMPACT	2020	2021	2022	2023	2024	Total
Planning / Design						-
Land / Acquisition						-
Construction / Maintenance						-
Equip/Veh/Furnishings				120,000		120,000
Other						-
Total	\$	-	\$	-	\$	120,000
FUNDING SOURCES						
Grant Income						-
Donations						-
User Fees						-
Other						-
Total	\$	-	\$	-	\$	-
NET LEVY REQUIREMENT	\$	-	\$	-	\$	120,000

OPERATING BUDGET IMPACT	2020	2021	2022	2023	2024	Total
Staff Costs						-
Supplies/Materials						-
Facility Maintenance						-
Other (Insurance/Utilities)						-
Contractual Services						-
Total	\$	-	\$	-	\$	-
FUNDING SOURCES						
Grant Income						-
Donations						-
User Fees						-
Other						-
Total	\$	-	\$	-	\$	-
NET LEVY REQUIREMENT	\$	-	\$	-	\$	-

ESTIMATED ANNUAL BENEFIT	2020	2021	2022	2023	2024	Total
Increased Efficiency						-
Faster Service Delivery						-
Decreased Operating Costs						-
Decreased Maintenance Costs						-
ESTIMATED ANNUAL BENEFIT	\$	-	\$	-	\$	-

CITY OF WAUSAU

**DPW-STREET
MAINTENANCE**

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Patch trucks roof	Plan Year: 2020
Classification: Construction	Department: Public Works
Priority: High	Contact Name: Eric Lindman
Useful Life: 30 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Construct a shelter over the patch truck parking area to prevent water, snow and ice from accumulating on them causing damage. The moisture is causing damage to the equipment and creating extra labor and lost time clearing the snow and ice. Based on the car port design we will also have Bluestem Energy look at this to determine if this would be a good candidate for solar.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Go out to bid early 2020 and construction early spring.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input checked="" type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
--	---

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Provides the two patch trucks from future damage and will save a great amount of lost time spent on cleaning snow and ice from the trucks.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

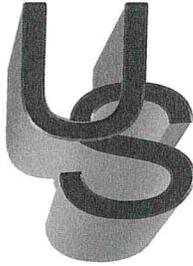
Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Deferral of project will cause future damage to the equipment and will cause lost productive labor.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Cost saving from less equipment repair and labor.



UNITED STRUCTURES INC.

P.O. Box 527, 3806 Concord Avenue, Schofield, WI 54476

Phone: (715) 355-1040 Fax: (715) 359-0541

May. 30th, 2019

City of Wausau Truck Shelter
Wausau, WI 544401

Re: Truck Shelter

United Structures is please to quote the following 1,017 SF Varco Pruden pre- engineered building in Wausau, Wisconsin:

BUILDING

One 28'-3" wide x 36' building. The building will have a single slope roof with 1": 12" roof pitch. The low eave height is 17'-0". The building is designed as required by the State of Wisconsin Commercial Building Code with a 115MPH wind load, 20# live load, 3# collateral load and 60# ground snow load. The building steel components are primed in Varco Pruden's standard primer.

ROOF

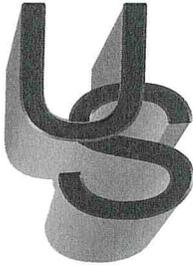
The roof is Varco Pruden's 26-gauge panel rib roof system galvanized in color.

WALLS

The walls will have VP Buildings 26 GA Panel Rib panels. Color to be chosen from standard color chart. Two walls will be sheeted and the other two walls will be left un sheeted.

Concrete

We will install six new concrete foundation piers per our engineers' requirements.



UNITED STRUCTURES INC.

P.O. Box 527, 3806 Concord Avenue, Schofield, WI 54476

Phone: (715) 355-1040 Fax: (715) 359-0541

TRIM

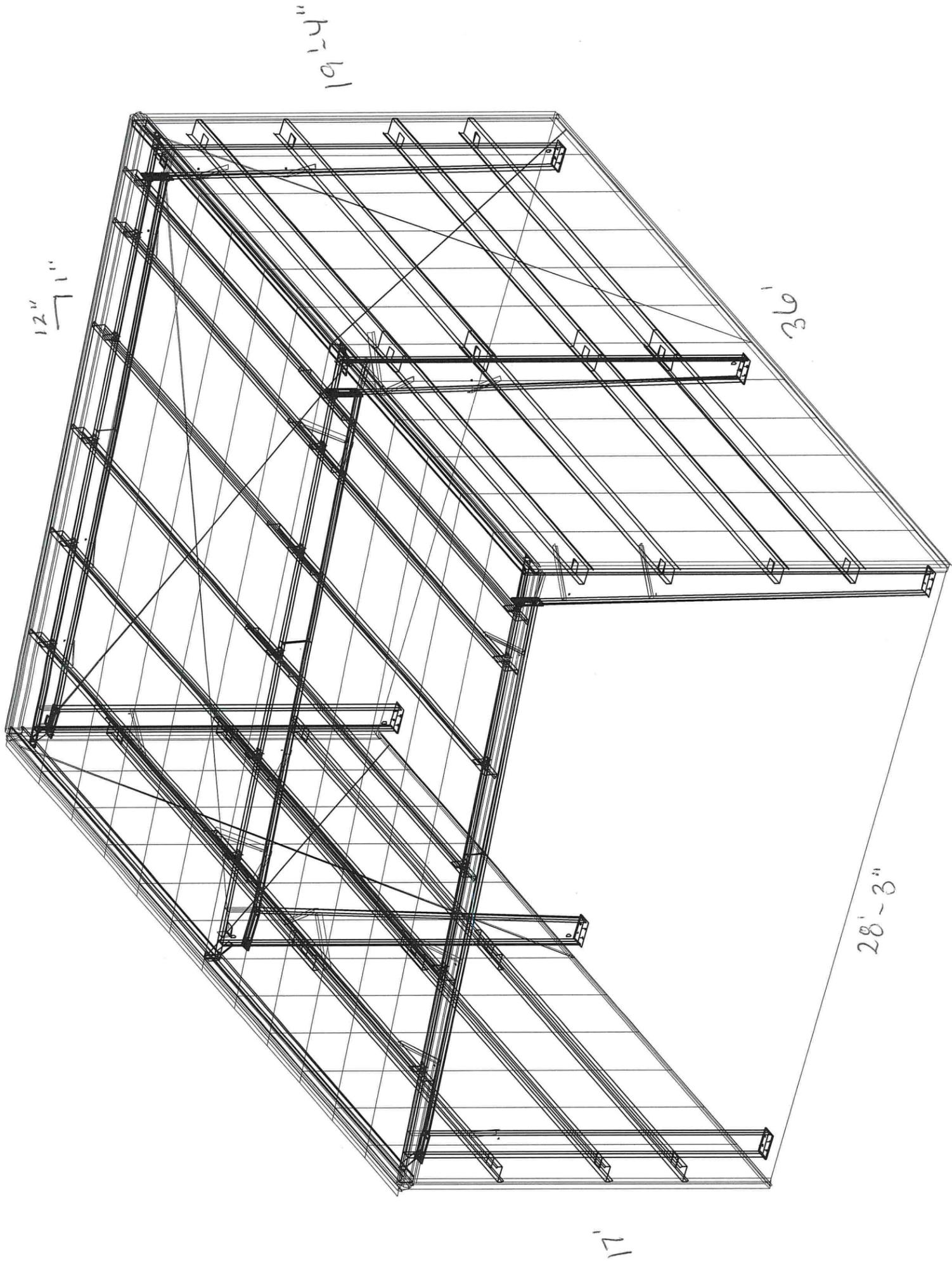
Standard eave and rake trims will be installed on the building. Color to be chosen from standard color chart.

INSULATION

The roof will have a single layer of 4" fiberglass insulation with a white facing on interior of building. The walls will not have any insulation.

Cost for above Building Erected: \$47,030

Excludes: permits if needed and mechanicals



THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS. THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

REV	DATE	BY	DESCRIPTION

B VP Buildings
3200 Players Club Circle Memphis TN 38125

PERSPECTIVE DRAWING

BUILDER	VP BUILDINGS
CUSTOMER	VP BUILDINGS
LOCATION	Wausau, Wisconsin
PROJECT	City Of Wausau
BUILDER'S POC	VP BUILDINGS

VP BUILDINGS
VP BUILDINGS
VP BUILDINGS

VP VERSION: 2018.2a

DATE: 5/23/2019
DRAWN BY: DRAWN BY
PAGE: PAGE

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Land acquisition For New Maintenance Facility	Plan Year:	2020
Classification:	Land Acquisition	Department:	Public Works
Priority:	High	Contact Name:	Eric Lindman
Useful Life:	50 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Purchase 225 and 233 Myron Street to construct a new equipment maintenance facility. This is the first phase of a 3-phase project to construct a new maintenance shop.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Purchase property 2020, engineer and receive plans 2021, and construction in 2022.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Buy improving the efficiency of the maintenance facility it will preserve the City's rolling stock.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Defferal of this project will future the inefficiencies of the current facility.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Financial benefits are the improved new shop will cut down the amount of time spent on the maintenance and repair of the Police, Fire, Sewer, Airport and Public Works equipment. Buy adding a vehicle wash also will greatly protect the City's Investments.

FINANCIAL DETAIL OF PROJECT

Land acquisition For New Maintenance Facility

CAPITAL BUDGET IMPACT	2020	2021	2022	2023	2024	Total
Planning / Design						-
Land / Acquisition	275,000	80,000				355,000
Construction / Maintenance						-
Equip/Veh/Furnishings						-
Other						-
Total	\$ 275,000	\$ 80,000	\$ -	\$ -	\$ -	\$ 355,000
<u>FUNDING SOURCES</u>						
Grant Income						-
Donations						-
User Fees						-
Other						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NET LEVY REQUIREMENT	\$ 275,000	\$ 80,000	\$ -	\$ -	\$ -	\$ 355,000

OPERATING BUDGET IMPACT	2020	2021	2022	2023	2024	Total
Staff Costs						-
Supplies/Materials						-
Facility Maintenance						-
Other (Insurance/Utilities)						-
Contractual Services						-
Total	\$ -					
<u>FUNDING SOURCES</u>						
Grant Income						-
Donations						-
User Fees						-
Other						-
Total	\$ -					
NET LEVY REQUIREMENT	\$ -					

ESTIMATED ANNUAL BENEFIT	2020	2021	2022	2023	2024	Total
Increased Efficiency			30%			0
Faster Service Delivery			30%			0
Decreased Operating Costs			30%			0
Decreased Maintenance Costs			30%			0
ESTIMATED ANNUAL BENEFIT	\$ -	\$ -	\$ 1	\$ -	\$ -	\$ 1

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Architectural and Engineering Plans for New Facility	Plan Year:	2021
Classification:	Design /Engineering Services	Department:	Public Works
Priority:	High	Contact Name:	Eric Liondman
Useful Life:	30 Years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Hire engineering firm to plan and design facility.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Early 2021 put out RFP for plans.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input type="checkbox"/> Maintains or enhances systems that support existing city services. <input checked="" type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
---	--

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Existing facility has out lived it current life. Very inefficient shop.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Increase labor because of the inefficiencies is very costly and the deterioration of the equipment reduces the City's investments.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Cost savings by becoming more efficient will mean not having to sub contract repair and maintenance.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	New Public Works Facility	Plan Year:	2023-2024
Classification:	Construction	Department:	Public Works
Priority:	High	Contact Name:	Eric Lindman
Useful Life:	50 Years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Bid out the construction of a new Public Works Maintenance Facility.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Bid out early 2023 with construction early spring.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The existing facility has out lived it's useful life. A new facility is critically needed to keep up with the ever expanding fleet. The current facility can not keep up with the over 500 pieces of equipment. The current facility is also unsafe for the technicians and they cannot keep up with the workload because of it's inefficiencies. The 2018 garage assessment summary done by Barrientos Design and Consulting is attached.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Deferral of the upgraded facility will further the deteiation of the City's assets and liabilities.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Financial benefits will be fealt in efficiencies in fleet maintaenance and will greatly reduce the City's liabilitie for workers injuries.

SECTION 1

EXECUTIVE SUMMARY

SCOPE OF STUDY

The focus of this study is to assess the capital costs required to maintain the City of Wausau's Department of Public Works facility over the next 10 years, and to identify the optimal spatial needs of the facility versus its' current capacity. The subject facility is the main building at the DPW site. The Salt Shed and cold storage metal buildings are considered in good shape and where only briefly reviewed.

FACILITY CONDITION INDEXING

A methodical audit was conducted of the DPW Main Building which broke down the repair and maintenance needs by building system. These systems include the foundations and structures, architectural enclosures, architectural interiors, and building mechanical/electrical systems. The Facility Condition Index, (FCI) for the Wausau DPW Main Building is 36.7% which indicates that the building is in a Moderately Poor condition.

10-YEAR CAPITAL COSTS TO MAINTAIN

This study concludes that the net capital costs for maintaining the existing building over the next 10 years will be \$2,307,300. These costs were prioritized into time categories with Priority A, zero to two years, having costs of \$1,988,700; Priority B, two to five years, having costs of \$104,600; and Priority C, five to ten years out, having costs of \$100,000. These costs do reflect inflation of the time-value of money, so it is stated in present 2018 costs alone.

Priority A repairs generally encompasses re-roofing the flat roofs of the facility, upgrading the existing HVAC systems, accessibility items, and modification, repairs, and upgrades to the repair garage. These repairs will allow the facility to continue to function in its current state.

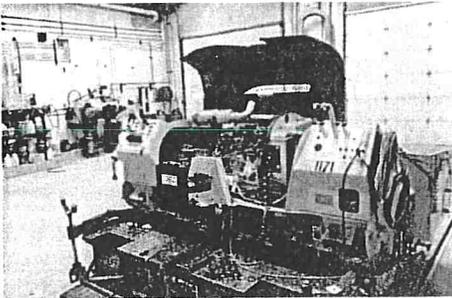
Priority B repairs generally encompass maintenance items related to the exterior shell and interior surfaces. Generally these items will relate to better Improving employee safety and efficiency and bring the facility up to more modern standards and codes.

Not included in the FCI Priority B is \$42,000 for a new canopy at the fuel island.

Priority C repairs are items that are generally not needed urgently to keep the facility in use, but rather, should be undertaken to modernize the facility lighting. Not included in the FCI Priority C is \$72,000 for a regarding and asphalt at the fuel island.

EXISTING SPACE COMPOSITION

The existing DPW Main Building is a 52,000 SF building. This includes the parking garage, repair garage, parts storage and administration areas.



The objective of this space needs and expansion study is to assess the existing structures and explore options for improving the operations of the City of Wausau Public Works Department on Myron Street. Our conclusion is that a new main shop for the DPW is necessary.

Within the existing building, mechanics, technicians, engineers and supervisors operate daily to carry out the City of Wausau DPW functions, along with the fleet and associated equipment.

The existing main shop is deficient in size to promote proper operations. In addition to the list of items in our Facilities Condition Assessment, our primary findings are:

- The repair garage is undersized with no ideal space to expand. This creates inefficiencies and a hazardous work environment.
 - The overhead crane is only in one bay currently, and should ideally cover four bays.
 - There is a lack of hoists for all work stations. Mechanics often have to kneel to perform tasks, which Wausau's HR staff has instructed the DPW not do. Bending over causes back issues.
 - Overall lack of work space.
 - The turning radius to enter the Repair Garage is extremely tight, and there is a danger when backing out.
 - One fluids/air station results in having to pull hoses across the shop for water, antifreeze, air, power, etc, which becomes a tripping hazard and wasted time.
 - Poor soil conditions are likely responsible for stress cracking due to differential settlement in the block walls.
 - Poor drainage. Only two catch basins exist. We recommend linear trench drains to cover all bays and keep the area safe.

- The west parking garage is over-crowded with inadequate lighting. Additional parking is required to improve operational efficiency. Significant time is wasted moving vehicles and equipment. More importantly, hazardous conditions arise from such obstacles.
- The flat roofs are at the end of their useful life. There are many leaks which require yearly maintenance.
- The non-administration areas lack thermal performance because they are single-wythe masonry walls with no insulation. New construction would greatly reduce utility costs. The metal panels above the overhead doors in the west parking garage are severely deteriorated.
- Accessibility is a concern throughout the main building. The second floor can only be accessed by stairs. There are also many level changes that would require ramps. Both locker rooms have several accessibility violations.
- Site concerns exist at the fuel island. During the winter months, icing occurs in the subgrade fuel structures.

Barrientos Design interviewed Ric Mohelnitzky and Mark Hanson about the operation of the existing main shop as well as observing the staff and evaluating the space needs. In completing our Optimal Room Program, we considered the opinions of Ric and Mark as to what spaces are adequate and which spaces are undersized. We also integrated our opinion of optimal spaces based on our experience in designing similar buildings. Operational efficiency is paramount in our design efforts. Repair, parts storage, parking, and shops areas are unique to each building. Our goal is to assess each area through our interview process and program optimal areas in an efficient manner. We discuss the trends of each space as to whether the users foresee a future need for growth, or a future opportunity to downsize an area.

OPTIMAL SPACE RECOMMENDED

Based on our expertise with other Public Works Facilities we determined that the Wausau DPW Main Building should optimally have 101,000 SF overall. Compared to the existing 52,000 SF, this is a 94% net increase over the existing square footage.

Much of this area is for fleet parking and equipment. The existing parking area is undersized which results in stacking vehicles in any area available. The current heated parking area is about 28,000 s.f., and through evaluating the fleet inventory provided by Wausau, we estimate accommodating 80 heavy, medium, and light duty vehicles, as well as associated equipment

and tools. Our two site plan options include over 71,000 of heated parking.

The existing repair garage is about 5,600 s.f. For a fleet this size, we recommend 6 repair bays with full overhead crane coverage. Our opinion of the optimal repair garage is about 14,000 s.f. Our experience in the design of repair garages results in an efficient, well-ventilated, and safe working space.

Other areas of note regarding optimal space needs includes the parts storage room. The current parts storage room is undersized. We recommend expanding parts storage from the existing 1,500 s.f. to 3,200 s.f.

Our conclusion is that the current Main Shop building size and condition requires consideration of complete demolition and construction of a new building. The two main reasons are the repair garage and the lack of sufficient parking. Also, the current building is too close to the east service drive and the option to renovate or relocate the repair garage within the existing building is infeasible.

Option 1 - Construction Cost Estimate



City of Wausau DPW
July 27, 2018

	SF/Quantity	Cost per SF	Total
New Construction			
Shops	5,651	150 \$	847,650
Repair Garage	14,210	150 \$	2,131,500
Vehicle Garage	71,863	110 \$	7,904,930
Parts Storage	5,356	120 \$	642,720
Crew Support	3,028	150 \$	454,200
Administration	3,582	170 \$	608,940
	103,690	Total \$	12,589,940
Demolition			
Not including soil remediation		\$	150,000
Site Construction			
Cost per acre for site reconstruction	5	\$ 110,000	\$ 550,000
New Fuel Island and Canopy	allow	\$ 350,000	\$ 350,000
		Total Construction Cost \$	13,489,940
		Main Garage SF	103,690
		Cost Per Square Foot \$	121.42
		Cost Per Square Foot Including Site Work \$	130.10
Soft Costs			
Construction and Estimating Contingency		6.0% \$	809,396
Architecture / Engineering Fees		6.0% \$	809,396
		Total \$	1,618,793
		GRAND TOTAL \$	15,108,733

*Estimate does not include furnishings, moving/relocation expenses, salt storage or plan approval and review fees

**Estimate is for a 50 to 70 year building solution and includes precast garage and shop wall construction and cavity wall crew and office exterior walls.

CITY OF WAUSAU

FIRE DEPARTMENT

**CITY OF WAUSAU
FIRE DEPARTMENT
LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR	Type	Total Proj	Othr Funds	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Extrication Equipment	Equip	\$65,000	0	65,000					65,000
2 Remodel Station 1 - Central	Inrpvts	\$152,680	0	152,680					152,680
3 EMS Monitors	Equip	\$160,000	0	160,000					160,000
4									-
5									-
6									-
		<u>\$ 377,680</u>	<u>\$ -</u>	<u>\$ 377,680</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 377,680</u>

CIP FORECAST- FUTURE YEARS	Type	Total Proj	Othr Funds	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Automated CPR Devices	Equip	\$60,000	0		60,000				60,000
2 Fitness Equipment Replacement	Equip	\$20,000	0			20,000			20,000
3 Reporting Software	Sftwr	\$40,000	0			40,000			40,000
4									-
5									-
6									-
		<u>\$ 120,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 60,000</u>	<u>\$ 60,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 120,000</u>

CITY OF WAUSAU
2020 CAPITAL IMPROVEMENT PLAN SCORING MATRIX
FIRE DEPARTMENT

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE		
	0 points	1-5 points	6-10 points	Extrication Equipment	Station 1 Remodel	EMS Monitors
				\$65,000	\$152,680	\$160,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	7	7	7
Public Health and Safety	Project has no impact on existing health or safety issues.	Project would improve non-critical or non-urgent health or safety issues.	Project addresses immediate continual safety or health hazards or needs.	10	5	7
Mandates or Other Legal Requirements	Project is not mandated or required by legal obligations.	Project would address anticipated mandates or legal obligations.	Project is mandated or required due to legal obligations.	0	0	0
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	10	10	10
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	0	0	0
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	0	0	0
Public Perception of Need	The project has not been identified by the citizens as a need.	The project has been identified by the citizens as a need but lacks strong or overwhelming support.	Project has strong citizen and political support.	0	0	0
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	5	7	8
Supports Economic Development	Project would discourage or directly prevent private capital investment, decrease the tax base, decrease property valuation, or decrease local job opportunities.	Project would have no impact on private capital investment, the tax base, valuation or local job opportunities.	Project would directly result in private capital investment, increased tax base, increased valuation or improved local job opportunities.	0	0	0
Environmental Quality	Project would have a negative effect on the environmental quality of the city.	Project would not affect the environmental quality of the city.	Project would improve the sustainability of the environment.	0	0	0
Feasibility of Project	Project is unable to proceed due to obstacles such as land acquisition, easements, other approvals. Project is not shovel ready.	Minor obstacles, plans or details exist but should not impact a timely implementation.	Project is entirely ready to proceed. No obstacles exist.	10	10	10
Blight and Crime Elimination	This project would have no impact on the reduction of crime or blight within the city.	This project will have limited impact on the reduction of crime or blight within the city.	This project impact the reduction of crime or blight within the city.	0	0	0
Operational Budget Impact	Project would significantly increase personnel or other operating costs or decrease revenues.	Project would have a neutral impact on personnel or other operating costs or revenues.	Project would decrease personnel costs, or other operating costs or increase operating revenues.	0	0	0
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	8	8	9
TOTALS				50	47	51

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Extrication Equipment	Plan Year: 2020
Classification: Equipment	Department: Fire Department
Priority: High Priority	Contact Name: Tracey Kujawa
Useful Life: 7 - 10 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Vehicle extrication is the process of removing a vehicle from around a person who has been involved in a motor vehicle crash when conventional means of exit are impossible or inadvisable. To be able to perform this life saving task the Wausau Fire Department uses extrication tools. The tools we currently possess are almost 9 years old and are at their end of life. Even though these tools performed exceptionally when purchased, it is questionable whether they will be successful in their performance today because of the type of structural steel automobiles are made of today. The cost to replace current tools is \$65,000.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Research could be completed prior to the end of the year with approval through committee completed in January, 2020, and purchase pursued within the first quarter of 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The Federal Motor Vehicle Safety Standard is constantly changing and continues to call for stronger impact requirements which results in more "exotic" metals and new construction techniques being used in posts, roof rails, fire walls and even doors. Those performing the task of extrication also have to combat heavier hinges which are heat treated and hardened to increase strength making door removal more difficult. Even body panels are being constructed with hardened body steel and high-strength alloys or aluminums. The structural system around the passengers and driver is basically becoming a high-strength steel roll cage. These changes are not only found in high-end vehicles such as Volvos, BMWs and Mercedes but are now common in less expensive models including GM, Ford, Chrysler, Subaru and Toyotas. The challenge that we face as a Department is if our current tools can cut and spread the metal required to gain access quickly to an individual who requires extrication. With the age and rated capacity of our extrication equipment it is questionable; even when we train and implement new extrication strategies and techniques. Time is of the essence in situations where extrication is required and to have the tools to help ensure access would be a positive step in being able to provide services to our community.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

A crash requiring extrication most often means it was a high speed crash and therefore it can be assumed that timely medical treatment will be a necessity; therefore, extrication needs to be swift. Efficient and effective extrication requires not only expertise, which comes from training and practice, but also the appropriate tools to get the job done. There are some strategies and techniques that we can attempt with the equipment that we currently possess but with the new construction techniques and metals being used there is much less certainty we will be able to cut away the vehicle, or our efforts are prolonged, possibly jeopardizing the outcome of the patient.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Being able to replace the extrication tools our Department currently possesses will certainly assist us in being able to remove a vehicle from around a patient in a fashion that is more proficient, effective and timely allowing for the possibility of a better patient outcome. Also, if our members are working with tools that are more robust and powerful it decreases the risk to our personnel because the work won't be as arduous or complicated.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Remodel Station 1 - Central	Plan Year:	2020
Classification:	Construction	Department:	Fire Department
Priority:	High	Contact Name:	Tracey Kujawa
Useful Life:	10-15 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Renovation of Station 1 to include the entry hallway, administration office space, lieutenant work space, apparatus bay, men's locker room and bathroom, bunkroom and women's locker room. Many of these areas are in need of remodeling because of failing infrastructure and/or inefficiencies. The requested remodel for the administration office space, entry hallway and lieutenant's work space are for increased efficiencies. The bathroom has failing infrastructure with showers, sinks, urinals and toilets which are not functional or leaking. The men's locker room is in need of new lockers. The carpet upstairs is 25 years old so we would like to replace carpet throughout the bunkroom, women's and men's locker rooms.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Quotes for all aspects of the renovation have been attained with an estimated total of \$138,800. We are requesting \$152,680 to account for 10% increase in construction costs between now and the time we are able to renovate. We already have quotes for all projects and would be ready to start after money comes available January 1, 2020. Please see attached spreadsheet for quotes and costs.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Station 1 or Central was constructed in May, 1962 which equates to an almost 60 year old facility. During this time frame there were some minor renovations but none that addressed the infrastructure and the changing needs of the fire department. The most prevalent issues that affect this Department day-in-and-day-out that can be addressed somewhat inexpensively are those related to efficiencies and storage. This station is due to be replaced and the projection for replacement seems to be at least five years out. If this timeline could be shortened to one to two years, I think we could surely endure the circumstances we currently find as disabilities knowing an end is near. But without a projected short term forecast for a new station we are requesting the following so this building can become a bit more functional for the time being:

- About four years ago we moved the storage of our personal protective equipment (PPE) out of the living quarters, specifically the main hallway of the station, into the apparatus bay. This has left a hallway full of unsightly empty lockers that simply accumulate "junk." This is the main hallway into and out of the station so we would like to make it more aesthetically appealing and inviting and we need additional storage; therefore, we would like to enclose some of the lockers for storage and drywall and enclose the remainder of the openings.
- In the administrative office area we are currently expecting four people to work in very close proximity to each other. Few people get their best work done in a noisy open office area which currently describes the environment which two-thirds of the management staff is exposed to and expected to work in. The work spaces presently found in that area are the fire marshal, administrative assistant, fire inspector lieutenant and fire inspector firefighter. Soon the training division chief will also be expected to work in this area as well. It is very difficult to concentrate and to maintain confidentiality. The renovation would basically involve purchasing desks that provide a barrier for some privacy. Currently most of the desks in use within this office are second hand desks.
- The lieutenant's area where all the EMS and fire reports are written is very restricted with minimal work space. There is no place for the members of our Department to accomplish paperwork. This renovation would make this area bigger by taking down a wall which currently accommodates a bathroom that is not functional. This would become the EMS works space; we would also add a conference table and a lieutenant's desk.
- Fixtures and plumbing throughout the building are failing and need to be addressed. We have leaks that are ongoing, sinks that can't drain appropriately and fixtures that are defective. We are requesting that the men's main locker room and bathroom be renovated and the plumbing fixed. The carpet in the upstairs area is over 25 years old; this renovation would also replace the carpet throughout the upstairs.

There are many items that have been left unaddressed that are much more costly. This list is a minimal list, simply to make the building more functional until replacement can occur.

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Not proceeding down this pathway of renovation and/or replacement has many negative impacts. As mentioned earlier, the work space inefficiencies. The second revolves around the safety of those in the structure. As stated earlier, the requested renovation is simply a band aid approach; there are significant issues within this building that will need to be addressed. The heating, ventilation and cooling system is ineffective and inefficient. We have registers in each of the rooms that are tasked with heating and cooling but are extremely loud and many times don't function appropriately. There is no air circulation within the building resulting in a negative pressure living environment allowing contaminants to easily flow in from the apparatus bay. The apparatus bays are too small for our large vehicles; they weren't made for the size of today's vehicles. We are backing into the bays off of one of the busiest streets in Wausau which is surely a safety issue for our personnel and could pose a risk to our community. There are many other areas within the building that are failing and/or deteriorating such as other bathrooms with plumbing and fixture issues, rusted lockers, old carpet and cracked tiles. There is insufficient storage and the apparatus bay is too small. We have outgrown this building and it is actually just falling apart which is also a quality of life issue for our members because our members live here for 24 hours. It would be advantageous to live in a building that is functional and provides for the needs of those who occupy the building.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

There would be a financial benefit specific to construction costs; obviously, as time passes the cost would increase. This building is over 50 years old; this issue is not going to go away. There would also be some benefit specific to repair and utility costs as mentioned earlier. Although minor, nice, updated facilities is an attraction for new employees; people like working in structures and with equipment that is state-of-the-art and up-to-date.

Renovation Costs Station 1 (Central)

	Demolition and Reconstruction Costs	Furniture/Fixture Replacement Costs	Carpet Replacement Costs	Window Treatments	Total
Downstairs:					
Entry Hallway	\$15,000.00				\$15,000.00
Office Space - Administration		\$20,000.00		\$1,500.00	\$21,500.00
Work Space - EMS/Lieutenant	\$2,000.00	\$14,000.00		\$1,500.00	\$17,500.00
Apparatus Bay	\$3,500.00				
Remainder of Downstairs				\$2,000.00	\$2,000.00
Upstairs:					
Men's Locker Room		\$17,000.00	\$1,200.00		\$18,200.00
Men's Bathroom	\$33,500.00	\$18,000.00			\$51,500.00
Women's Lockerroom			\$500.00		\$500.00
Bunkroom			\$9,600.00	\$3,000.00	\$12,600.00
Total:					\$138,800.00
Additional 10%					\$152,680.00

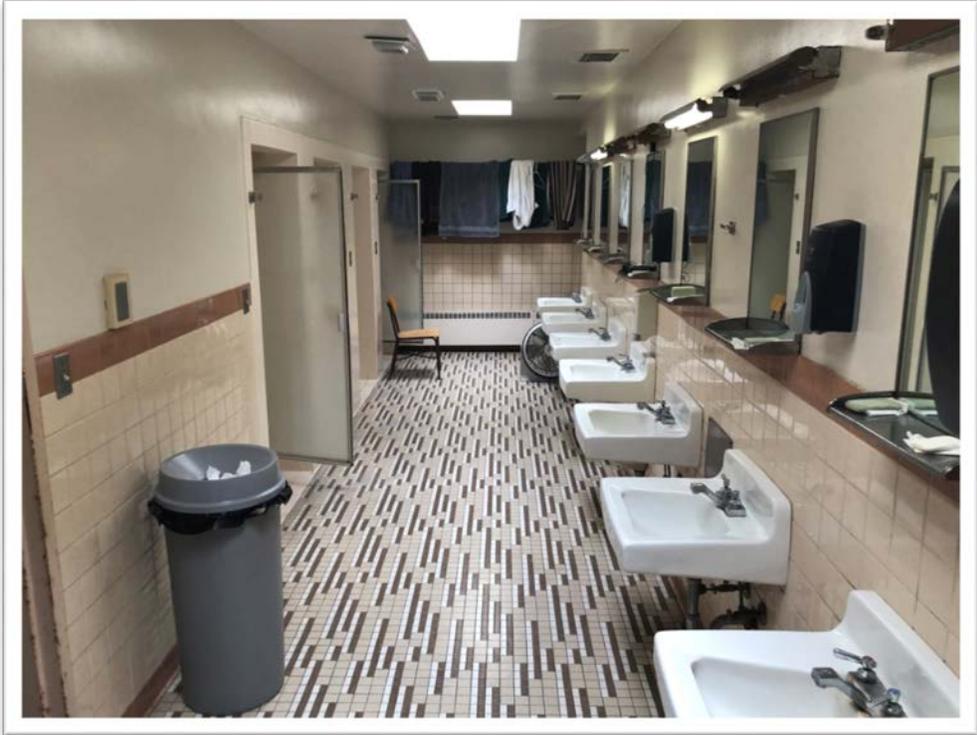
Hallway Reconstruction



Men's Bathroom/Locker Area



Men's Bathroom/Locker Area



Men's Bathroom/Locker Area



Lieutenant Office Space



Administrative Office Space



CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	EMS Monitors	Plan Year:	2020
Classification:	Equipment	Department:	Fire Department
Priority:	High Priority	Contact Name:	Tracey Kujawa
Useful Life:	7 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

After careful consideration and prioritization, the Wausau Fire Department has determined that our current cardiac monitors are in need of replacement. This piece of equipment is vital to our daily response activities, and specifically EMS operations. The Wausau Fire Department would be requesting the procurement of four (4) 15-lead cardiac monitor/defibrillators. Over 70% of our responses are related to EMS and the monitors we currently possess are over seven years-old which exceeds their recommended lifespan per the manufacturer's recommendations. Much has changed in eight years and the technology available with the newer models of cardiac monitors will assist us in advancing our ability to care for our patients which in turn will have a positive impact on patient care. The monitors we currently employ are limited in their capabilities compared to the newer models. In order to purchase these cardiac monitors and maintain them, the Wausau Fire Department is respectfully requesting \$140,000. This would include the purchase of the monitors, estimated at approximately \$30,000/monitor. Accessories included in this cost are three (3) station battery chargers, batteries, adult, child and infant NIBP cuffs, carrying case with pouches and a 3G modem for each of the cardiac monitors. We would also be requesting to purchase a three (3) year service agreement for all four (4) monitors estimated at \$20,000.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

If granted this CIP request we would immediately begin evaluating the type of monitor that would best fit our Department's needs. We would then move through the appropriate committees for approval with a goal of purchasing the monitors in the first quarter of 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/>	Addresses critical health or safety hazard.	<input type="checkbox"/>	Serves to eliminate Blight
<input type="checkbox"/>	Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/>	Encourages economic development
<input type="checkbox"/>	Maintains or enhances systems that support existing city services.	<input type="checkbox"/>	Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/>	Provides new service, facility, system or equipment.	<input type="checkbox"/>	Provides other rehabilitation, replacement or new construction.
<input checked="" type="checkbox"/>	Expands existing service into an undeveloped area.	<input type="checkbox"/>	This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/>	Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/>	Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/>	Supports a revenue generating service	<input type="checkbox"/>	Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

The mission statement of the Wausau Fire Department is "to provide rapid, professional emergency services to protect and enhance our community." We, at the Wausau Fire Department believe that the benefit of receiving this CIP request to purchase cardiac monitors is perfectly aligned with our mission; it will enhance our service delivery and assist us in protecting our community members from possible death because of increased assessment capabilities. This equipment will assist us in accurately differentially diagnosing a condition so early treatment intervention can transpire directly impacting morbidity and mortality within our service area.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

As cliché as it may sound, "time is muscle." The earlier a patient is diagnosed as suffering from a myocardial infarction, the sooner appropriate interventions can be performed with the high likelihood of less damage to the heart muscle. Several times during the course of a day the paramedics at the Wausau Fire Department applies a cardiac monitor to assist in determining a differential diagnoses and treat appropriately. It would be welcoming to be able to provide this type of care with state-of-the-art equipment. If awarded this CIP request, the Wausau Fire Department would be enhancing the patient care that is being provided to the community. The odds of survival will be vastly improved when Paramedics acquire a 15-lead ECG in response to chest pain or other cardiac emergencies. Rapid identification and treatment preserves cardiac function, limits infarct size, and reduces morbidity and mortality. In short, minimal time to treatment yields maximum patient benefit.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

We have applied for these monitors through an Assistance to Firefighters Grant. We should know by October, 2019, if we have been awarded the grant. If we are not awarded the grant we are requesting monies through CIP because these monitors are at the end-of-life and it would not be good planning nor beneficial to our patients for the Wausau Fire Department to wait two more years to purchase new monitors.

CITY OF WAUSAU

**POLICE
DEPARTMENT**

**CITY OF WAUSAU
POLICE DEPARTMENT
LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR	Total Proj	Other Src	Type	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Dragon Natural Speaking for Law Enforcement	65,000	40,000		25,000					25,000
2 Shooting Range/Training Facility	300,000			75,000	75,000	75,000	75,000		300,000
3									-
4									-
5									-
6									-
									-
	<u>\$ 365,000</u>	<u>\$ 40,000</u>		<u>\$ 100,000</u>	<u>\$ 75,000</u>	<u>\$ 75,000</u>	<u>\$ 75,000</u>	<u>\$ -</u>	<u>\$ 325,000</u>

CIP FORECAST- FUTURE YEARS	Total Proj	Other Src	Type	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Shooting Range/Training Facility				75,000	75,000	75,000	75,000		300,000
2									-
3									-
4									-
5									-
6									-
									-
	<u>\$ -</u>	<u>\$ -</u>		<u>\$ 75,000</u>	<u>\$ 75,000</u>	<u>\$ 75,000</u>	<u>\$ 75,000</u>	<u>\$ -</u>	<u>\$ 300,000</u>

CITY OF WAUSAU
2020 CAPITAL IMPROVEMENT PLAN SCORING MATRIX
POLICE DEPARTMENT

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE	
	0 points	1-5 points	6-10 points	Dragon	Range
				\$25,000	\$75,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	5	5
Public Health and Safety	Project has no impact on existing health or safety issues.	Project would improve non-critical or non-urgent health or safety issues.	Project addresses immediate continual safety or health hazards or needs.	10	5
Mandates or Other Legal Requirements	Project is not mandated or required by legal obligations.	Project would address anticipated mandates or legal obligations.	Project is mandated or required due to legal obligations.	0	0
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	10	3
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	8	0
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	0	0
Public Perception of Need	The project has not been identified by the citizens as a need.	The project has been identified by the citizens as a need but lacks strong or overwhelming support.	Project has strong citizen and political support.	5	0
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	10	5
Supports Economic Development	Project would discourage or directly prevent private capital investment, decrease the tax base, decrease property valuation, or decrease local job opportunities.	Project would have no impact on private capital investment, the tax base, valuation or local job opportunities.	Project would directly result in private capital investment, increased tax base, increased valuation or improved local job opportunities.	5	5
Environmental Quality	Project would have a negative effect on the environmental quality of the city.	Project would not affect the environmental quality of the city.	Project would improve the sustainability of the environment.	5	5
Feasibility of Project	Project is unable to proceed due to obstacles such as land acquisition, easements, other approvals. Project is not shovel ready.	Minor obstacles, plans or details exist but should not impact a timely implementation.	Project is entirely ready to proceed. No obstacles exist.	10	5
Blight and Crime Elimination	This project would have no impact on the reduction of crime or blight within the city.	This project will have limited impact on the reduction of crime or blight within the city.	This project impact the reduction of crime or blight within the city.	10	5
Operational Budget Impact	Project would significantly increase personnel or other operating costs or decrease revenues.	Project would have a neutral impact on personnel or other operating costs or revenues.	Project would decrease personnel costs, or other operating costs or increase operating revenues.	5	5
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	10	2
TOTALS				93	45

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Dragon Naturally Speaking for Law Enforcement	Plan Year:	2020
Classification:	Equipment Purchase	Department:	Wausau Police Department
Priority:	High	Contact Name:	Deputy Chief Matthew Barnes
Useful Life:	10 Years - 20 Years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Dragon Naturally Speaking For Law Enforcement is a hardware/software/cloud dictation tool. The Wausau Police Department is currently testing the effectiveness of this dictation tool. 12 licenses have been purchased in collaboration with the City County IT. Preliminary testing and experience with this product has yielded positive results.

Wausau Police Officers type thousands of pages of reports each year. Most of those reports are typed by officers at the Wausau Police Department facility. This requires officers to collect the information at a call for service and drive back to the Police Department to write the report. Many law enforcement agencies recognize dictation is a significantly more efficient way to write reports and utilize transcription services to facilitate their officers dictating reports. The Wausau Police Department has determined utilizing a transcription service to not be cost-effective based on the ongoing expense. Dragon NaturallySpeaking for law enforcement accomplishes the same result with a much smaller annual expense, and one time initial license purchase expense.

Total Cost of Dragon Naturally Speaking: \$65,000.00
 Initial Dragon Purchase (already made): \$15,000.00
 Federal Forfeiture Funds (available for use) \$25,000.00
 CIP Request: \$25,000.00
 Annual maintenance cost: \$6,700.00

We expect to have analyzed the data from testing by the time decisions are to be made regarding CIP. Should we determine this is not a good solution, we will withdraw our request.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

The Wausau Police Department would like to purchase Dragon NaturallySpeaking for the entire department in January 2020. Dragon NaturallySpeaking would be a sole-source purchase. If authorized, Wausau Police Department staff would be trained in its use during January and February 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

This dictation project is expected to function as a "force multiplier". If as a result of dictation, officers spend less time writing reports, and more time on their beats, the result is more officers available for the citizens of Wausau.

In addition to dictating being faster than typing, the Dragon NaturallySpeaking product allows officers to run license plates without looking down at a computer. This reduces distracted driving and creates a safer environment for officers and the community.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

The quantity of calls for service to the Wausau Police Department have identified a justification for additional officers. Creating a more efficient way for Wausau police officers to write reports has the potential to reduce the immediate need of additional staff.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Conservatively speaking Wausau Police Department officers spend 15% of their time writing reports resulting in approximately 300 hours per officer per year writing reports. After developing dictation skills, our expectation is report writing will be completed two times faster on average. This results in a savings of 100 to 150 hours per year. For the patrol bureau alone, this results in a savings of 4000 to 6000 hours per year. This translates into 2 to 3 officer FTE positions.

GANTT CHART OF PROJECT ACTIVITIES

Dragon Naturally Speaking for Law Enforcement

Capital Improvement Program Request 2020-2024

Budget Amt: 25,000 **Start Date:** 1/1/2020

Lead Person: DC Matthew Barnes **End Date:** Mar-20

YEAR 1: Purchase	TIME FRAME (Start/End by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Planning/ Design												
Task: RFP/ RFQ/ Bid/ Award	X											
Task: Training of Staff	X	X										
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												

YEAR 2: _____	TIME FRAME (Start/End Dates by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Wausau PD Shooting Range/Training Facility	Plan Year:	2020 - 2023
Classification:	Land Acquisition/Construction	Department:	Police
Priority:	Medium Priority	Contact Name:	Deputy Chief Matthew Barnes
Useful Life:	50 Plus Years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The Wausau Police Department is seeking to create a new shooting range. The land proposed for the range is currently undeveloped land owned by the City of Wausau in the industrial park area. The cost of building a new range is currently unknown and is very difficult to determine. The project will include clearing the land of trees, leveling the land (to include the purchase of fill), the building of dirt berms, blacktopping a portion, fencing the entire property, electrical service, lighting, and the construction of a training building. After meeting with Eric Lindman, it is expected a significant amount of the work can be completed by DPW, but will have to be fit into their schedule. Much (\$35,000) of the funding necessary for the training facility currently exists and will be constructed by the Wausau PD staff. The Wausau PD is proposing a four year project timeline.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Project Design and Bid: Summer/Fall 2020; Implementation: Spring 2021; Completion: Spring/Summer 2023.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Currently the Wausau PD shooting range is located on Decator Drive in the Town of Maine and is owned by 3M. 3M has allowed the Wausau PD to use their property, at no cost, for many years. Although no indication has been made suggesting 3M will discontinue our arrangement, there is no guarantee the use of the property will continue. In addition, the property is zoned "Mining", and no variance is available that would allow the Wausau PD to build, or improve buildings on the site. The building of a new shooting range on property owned by the City of Wausau would guarantee access to shooting and tactical training for many years to come, and allow for improvements and development of a training building/facility. One of the improvements being considered is providing computer driven/mechanical moving target systems. The more complicated "Use of Force" situations are becoming, the more real life training we need our officers to have. The Wausau PD is seeking CIP approval for a four year project with an estimated cost of \$75,000 per year. Extending the construction to four years will reduce the cost by using existing city departments (DPW, Electrical), and allow the City to spread the cost over an extended period of time. Although we are estimating the total cost at \$300,000 over four years, projecting the actual cost is not possible, due to not knowing the cost of materials, labor, and fuel in the years to come. Future CIP renewal/requests will have more accurate dollar figures.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Given the proposal for this CIP project includes funding over a four year time period, and the planning and construction components are expected to take significant time, deferral of this project would leave the Wausau PD at risk of losing the efficient ability to train with firearms should our arrangement with 3M dissolve. Deferral of this project will also leave the Wausau PD without the facilities desired for tactical training. The development of a City of Wausau owned shooting facility is part of a long range strategic plan designed to secure and advance quality training for the next generations of Wausau Officers.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

The Wausau PD is expected to maintain a staff with excellent shooting and tactical skills. The development of this shooting/training range ensures the ability to continue regular training and development of our staff.

CITY OF WAUSAU

METRO RIDE TRANSIT

**CITY OF WAUSAU
METRO RIDE
LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR	Total Proj	Other Src	Type	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Floor Scrubber/Sweeper	49,000	-	Equipment	49,000					49,000
2 Facility Maintenance	35,752	-	Facility	35,752					35,752
3									-
4									-
5									-
6									-
	<u>\$ 84,752</u>			<u>\$ 84,752</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 84,752</u>

CIP FORECAST- FUTURE YEARS	Total Proj	Other Src	Type	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Fare Collection System	592,375	473,900	Equipment		118,475				118,475
2 Bus Replacement	5,823,792	4,659,033	Vehicles		274,397		890,362		1,164,759
3 Service Truck	63,009	50,408	Vehicle			12,602			12,602
4 Supervisor Van	28,143	22,515	Vehicle			5,629			5,629
5									-
6									-
	<u>\$ 6,507,319</u>			<u>\$ -</u>	<u>\$ 392,872</u>	<u>\$ 18,231</u>	<u>\$ 890,362</u>	<u>\$ -</u>	<u>\$ 1,301,465</u>

CITY OF WAUSAU
2020 CAPITAL IMPROVEMENT PLAN SCORING MATRIX
METRO RIDE

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE	
	0 points	1-5 points	6-10 points	Floor Scrubber \$49,000	Facility Maint. \$35,752
	Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	5
Public Health and Safety	Project has no impact on existing health or safety issues.	Project would improve non-critical or non-urgent health or safety issues.	Project addresses immediate continual safety or health hazards or needs.	5	3
Mandates or Other Legal Requirements	Project is not mandated or required by legal obligations.	Project would address anticipated mandates or legal obligations.	Project is mandated or required due to legal obligations.	0	0
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	5	5
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	0	0
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	0	0
Public Perception of Need	The project has not been identified by the citizens as a need.	The project has been identified by the citizens as a need but lacks strong or overwhelming support.	Project has strong citizen and political support.	0	0
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	3	6
Supports Economic Development	Project would discourage or directly prevent private capital investment, decrease the tax base, decrease property valuation, or decrease local job opportunities.	Project would have no impact on private capital investment, the tax base, valuation or local job opportunities.	Project would directly result in private capital investment, increased tax base, increased valuation or improved local job opportunities.	3	3
Environmental Quality	Project would have a negative effect on the environmental quality of the city.	Project would not affect the environmental quality of the city.	Project would improve the sustainability of the environment.	3	10
Feasibility of Project	Project is unable to proceed due to obstacles such as land acquisition, easements, other approvals. Project is not shovel ready.	Minor obstacles, plans or details exist but should not impact a timely implementation.	Project is entirely ready to proceed. No obstacles exist.	10	10
Blight and Crime Elimination	This project would have no impact on the reduction of crime or blight within the city.	This project will have limited impact on the reduction of crime or blight within the city.	This project impact the reduction of crime or blight within the city.	10	0
Operational Budget Impact	Project would significantly increase personnel or other operating costs or decrease revenues.	Project would have a neutral impact on personnel or other operating costs or revenues.	Project would decrease personnel costs, or other operating costs or increase operating revenues.	3	6
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	10	0
TOTALS				57	46

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Floor Scrubber/Sweeper	Plan Year: 2020
Classification: Equipment Replacement	Department: Metro Ride
Priority: Critical	Contact Name: Greg Seubert
Useful Life: 10	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace existing floor scrubber/sweeper

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Purchase in 2020

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
--	--

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The existing propane-powered riding floor scrubber/sweeper is used daily to remove vehicle fluids and other debris from floors in the bus garage and maintenance shop. It is important to scrub/sweep floors on regular basis in order to eliminate slip and fall hazards for employees and prolong the useful life of the concrete. This task is particularly important during winter months when buses carry in copious amounts of moisture, sand and deicing chemicals. The garage floor is already significantly pitted from deicing chemicals and it will worsen without ongoing cleaning.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

The existing scrubber/sweeper was purchased in 1999 and the manufacturer no longer makes spare parts for this unit. We have been welding the unit and fabricating parts in order to keep it in operation, but excessive corrosion will prevent us from fixing it much longer. The unit is long past its design life and in critical need of replacement.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

This unit enables efficient daily cleaning of the garage and shop floors with minimal labor. It would not be practical, efficient or cost effective to maintain this large area by hand. Maintaining clean, safe walking surfaces reduces the risk of employee injury and workers compensation claims and it prolongs the useful life of the floor.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Facility Maintenance	Plan Year: 2020
Classification: Equipment Replacement	Department: Metro Ride
Priority: High	Contact Name: Greg Seubert
Useful Life: 15 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace furnaces, air conditioning units and light fixtures in the Metro Ride operations and maintenance building.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
--	---

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

HVAC System Components – Project includes the replacement of existing furnaces (2) and air conditioning units (2), which were installed in 1995. They heat/cool two separate zones in the operations and administrative portions of the building. These units are nearing the end of their useful life and should be replaced before they fail.

Light Fixtures – This project includes the replacement light fixtures in the bus garage, on the outside the building and in administrative areas of the building with more efficient LED fixtures. Some existing fixtures are original to the building which was built in 1979.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

The **HVAC system** is 25 years old and increasingly at risk of failure. Deferral of its replacement will likely increase maintenance costs and the likelihood of unplanned replacement. Equipment replacement is not an eligible expense for state/federal transit operating assistance, so this project cannot be funded from the Metro Ride operating budget.

Light Fixtures are not in need of immediate replacement. However, newer fixtures will pay for themselves in just a few years through reduced energy usage.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

HVAC systems are more efficient than they were 25 years and I would expect to see reduced energy usage and cost savings.

More efficient light fixtures will reduce energy usage and lower electricity expense.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Fare Collection System Replacement	Plan Year:	2021
Classification:	Equipment Purchase	Department:	Metro Ride
Priority:	High	Contact Name:	Greg Seubert
Useful Life:	15		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

This project includes the replacement of all Metro Ride electronic registering fareboxes. Existing equipment was purchased in 1995 and is nearing the end of its useful life. The project would include all equipment and software necessary to securely collect passenger revenue and electronically transfer rider information.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Project bid in 2021.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Existing fareboxes are nearly 25 years old and nearing the end of their useful life. They remain useful in securely collecting cash and tokens deposited by customers, but accuracy is diminishing. They also lack technology that has become commonplace in the transit industry. Newer models: print fare media; collect greater ridership detail such as time of day and location of boarding; enable flexible pricing; enable sale of fare media on the bus; offer electronic data transfer to reduce manual reporting.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Maintaining aging equipment will become more costly and the availability of replacement parts will be more limited. We have acquired discarded fareboxes from other transit systems in anticipation of that circumstance. Existing fareboxes do not accept swipe cards, which are now common in the transit industry and part of everyday life for most people. The implementation of swipe cards would reduce cash fare payment, which would be a significant convenience for customers. It would also speed the processing of daily revenue by Metro Ride employees. New fareboxes would collect greater ridership detail, such as time of day and location of boarding. New data transfer equipment would allow the electronic transfer of data which is now collected and recorded manually.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

New technology will help us meet the changing needs of our customers and reduce labor hours dedicated to processing our daily operating statistics.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Bus Replacement	Plan Year: 2021
Classification: Vehicle Purchase	Department: Metro Ride
Priority: High	Contact Name: Greg Seubert
Useful Life: 15	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Purchase 35" clean diesel transit buses

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Order 3 buses in 2021 for delivery in 2022. Order 9 buses in 2023 for delivery in 2024

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The Federal Transit Administration sets the minimum useful life expectancy for heavy-duty transit uses at 12 years. This request proposes the replacement of buses that will be 17 years old (in 2021) and 14 years old (in 2023). They are still usable, but should be programmed for replacement.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Older buses experience more frequent maintenance failures and are more expensive operate. Additionally, emissions from older engines are harmful to air quality. If they cannot be replaced with new buses, we will operate them as long as we can and acquire used buses to maintain transit services.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Federal funds will be sought to fund 80% of total project cost.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Service Truck Replacement	Plan Year:	2022
Classification:	Vehicle	Department:	Metro Ride
Priority:	High	Contact Name:	Greg Seubert
Useful Life:	10		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Dual axle pickup truck equipped with service body and snow plow.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Purchase in 2022.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The truck to be replaced was manufactured in 1998 and has been used to plow snow, tow buses and provide maintenance support for Metro Ride. It is currently operable but is nearing the end of its useful life.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

The existing truck will become less reliable and more expensive to maintain as it ages. It will not last forever.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Grant funds will be sought to cover 80% of the overall cost.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Replace Supervisor Van	Plan Year: 2022
Classification: Vehicle	Department: Metro Ride
Priority: High	Contact Name: Greg Seubert
Useful Life: 10	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace 2005 passenger van.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Purchase in 2022.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
--	--

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Metro Ride uses a minivan to shuttle drivers for daily shift changes; pick-up and deliver passengers when necessary; conduct on-street supervision; transport daily receipts to the bank; deliver fare media to sales outlets; travel to meetings; etc. Our 2005 van is still operable but it should be replaced before it dies.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

The existing van is deteriorating and will become less reliable and more expensive to maintain as it ages. It will not last forever.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Grant funds will be sought to cover 80% of the overall cost.

CITY OF WAUSAU

**PARKS, RECREATION,
& FORESTRY**

**CITY OF WAUSAU
PARKS, REC, FORESTRY
LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR	Total Proj	Other Funds	Type	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Memorial Park Seawall	135,000		Const,	135,000					135,000
2 Park Rolling Stock	173,460		Equip.	173,460					173,460
3 Playground Equipment	95,000		Equip.	95,000					95,000
4 Tennis Court Replacement	50,000		Const,	50,000					50,000
5 Wausau Dog Park	25,000	5,000	Const,	20,000					20,000
6 Sylvan Hill Parking Lot	125,645		Const,	125,645					125,645
	<u>\$ 604,105</u>	<u>\$ 5,000</u>		<u>\$ 599,105</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 599,105</u>

CIP FORECAST- FUTURE YEARS	Total Proj	Other Funds	Type	2020	2021	2022	2023	2024	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Tennis Court Replacement	100,000		Const,		50,000	50,000			100,000
2 Playground Equipment	285,000		Equip.		95,000	95,000	95,000		285,000
3 Park Rolling Stock	693,840		Equip.		173,460	173,460	173,460	173,460	693,840
4 Eau Claire River Conservancy	300,000		Const,			150,000	150,000		300,000
5 Swiderski Park	75,000		Const,				75,000		75,000
6 Brockmeyer Restroom Replacement	150,000		Const,		150,000				150,000
6 3M Restroom Replacement	150,000		Const,			150,000			150,000
	<u>\$ 1,753,840</u>	<u>\$ -</u>		<u>\$ -</u>	<u>\$ 468,460</u>	<u>\$ 618,460</u>	<u>\$ 493,460</u>	<u>\$ 173,460</u>	<u>\$ 1,753,840</u>

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Memorial Park Seawall Replacement	Plan Year: 2020
Classification: Construction	Department: Parks, Recreation & Forestry
Priority: Medium	Contact Name: Jamie Polley
Useful Life: 40 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replacement of 520 L.F. of seawall at the Memorial Park boat launch with rip rap.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Design January/February 2020, construct summer/fall 2020

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input checked="" type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The seawall that retains the land on which the boat launch and launch parking area is in the early stages of failure. The seawall provides fishing opportunities and access to a City boat launch. When the wall fails this portion of the river bank will be subject to severe erosion.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Long term deferral of this project could lead to severe erosion and possible loss of the boat launch.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

None

Memorial Seawall



CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Playground Equipment	Plan Year: 2020, 2021, 2022
Classification: Equipment Purchase	Department: Parks, Recreation & Forestry
Priority: Medium	Contact Name: Jamie Polley
Useful Life: 20 yrs	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The City of Wausau maintains 13 playgrounds with play equipment in its Park system. This multi-year program will address ADA and Consumer Safety Product Guideline deficiencies. 2020 replacement planned at Forest Park.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

R.F.P.'s in February/March, installation June/July 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input type="checkbox"/> Maintains or enhances systems that support existing city services.	<input checked="" type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input checked="" type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The majority of play equipment was installed new 16-18 years ago. Most of our playgrounds are now partially or fully out of compliance with Americans with Disabilities Act, Consumer Product Safety Guidelines and the American Society for Testing and Materials guidelines. This 5 year project will replace or upgrade play equipment and safety surfacing at all playgrounds.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Current play structures and safety surfacing do not meet revised Consumer Products Safety Guidelines or revised Americans with Disabilities Act.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Forest Park Playground



CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Tennis Court Replacement Program	Plan Year: 2020, 2021, 2022
Classification: Construction	Department: Parks, Recreation & Forestry
Priority: Medium	Contact Name: Jamie Polley
Useful Life: 20 yrs	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The City of Wausau maintains tennis courts in seven of its parks. This project will establish a program to replace deteriorating courts over a fourteen year period thereby limiting a large capital outlay at one time and maintaining good quality safe tennis courts for residents use.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Replacement schedule: Memorial Park - 2020 Alexander Airport Park 2021 Oak Island Park 2022
 This project will establish a program to replace deteriorating tennis courts throughout the Park system.

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard. <input checked="" type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input checked="" type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input checked="" type="checkbox"/> Contributes to a safe community
--	---

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Developing a program to regularly replace tennis courts ensures quality facilities to the public and proactively plans for this capital outlay.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Deferral will result in poor quality tennis courts and possible safety issues due to tripping hazard of cracked and heaving court surfaces

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

None.

FINANCIAL DETAIL OF PROJECT Tennis Court Replacement Program

CAPITAL BUDGET IMPACT	2020	2021	2022	2023	2024	Total
Planning / Design						-
Land / Acquisition						-
Construction / Maintenance	50,000	50,000	50,000			150,000
Equip/Veh/Furnishings						-
Other						-
Total	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 150,000
<u>FUNDING SOURCES</u>						
Grant Income						-
Donations						-
User Fees						-
Other						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NET LEVY REQUIREMENT	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 150,000
<u>OPERATING BUDGET IMPACT</u>						
	2020	2021	2022	2023	2024	Total
Staff Costs						-
Supplies/Materials						-
Facility Maintenance						-
Other (Insurance/Utilities)						-
Contractual Services						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<u>FUNDING SOURCES</u>						
Grant Income						-
Donations						-
User Fees						-
Other						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NET LEVY REQUIREMENT			\$ -	\$ -	\$ -	
<u>ESTIMATED ANNUAL BENEFIT</u>						
	2020	2021	2022	2023	2024	Total
Increased Efficiency						-
Faster Service Delivery						-
Decreased Operating Costs						-
Decreased Maintenance Costs						-
ESTIMATED ANNUAL BENEFIT	\$ 300	\$ 300	\$ 300	\$ -	\$ -	\$ 600

GANTT CHART OF PROJECT ACTIVITIES

Tennis Court Replacement Program

Capital Improvement Program Request 2020-2024

Budget Amt: \$150,000

Start Date: 2/2/2020

Lead Person: Jamie Polley

End Date: 8/30/2022

YEAR 1: 2020 Memorial Park	TIME FRAME (Start/End by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Define Scope												
Task: Planning/Design												
Task: RFP/RFQ												
Task: Project Bid/Award												
Task: Construction												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												

YEAR 2: 2021 Alexander Airport Park	TIME FRAME (Start/End Dates by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Planning/Design												
Task: RFP/RFQ												
Task: Project Bid/Award												
Task: Construction												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												
Task:												

YEAR 2: 2022 Oak Island Park	TIME FRAME (Start/End Dates by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Planning/Design												
Task: RFP/RFQ												
Task: Project Bid/Award												
Task: Construction												

Alexander Airport Tennis



Memorial Tennis



CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Wausau Dog Park	Plan Year: 2020
Classification: Construction	Department: Parks, Recreation & Forestry
Priority: High	Contact Name: Jamie Polley
Useful Life: 30 yrs	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Construction of an approximate 2 acre dog park at 224 S. 4th Street on City owned property. Project will include off street parking, large and small dog fenced-in areas, park shelter, waste stations, drinking fountain, benches, walkway and dog agility equipment. A subcommittee was formed in 2019 to fundraise for the project. The group prioritized tasks to be completed in phases. The committee is working to raise the funds for phase I items in 2019.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Conceptual designs are completed. Project will consist of contracted services and force account work to be completed in phases. Phase II includes a paved parking lot, drinking fountain and benches to be completed in summer of 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input checked="" type="checkbox"/>	Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/>	Encourages economic development
<input type="checkbox"/> Maintains or enhances systems that support existing city services.	<input checked="" type="checkbox"/>	Encourages revitalization, community aesthetics, or historic preservation
<input checked="" type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/>	Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/>	This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input checked="" type="checkbox"/>	Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/>	Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

A dog park in Wausau has been requested by a segment of the community for over a decade. The Park and Recreation Committee has made this project a priority and a subcommittee was established in 2019. 224 S 4th St was designated as the site for the City's first Urban Dog Park. This project will provide Wausau with a facility that is common throughout communities nation wide.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Dog parks are a desired amenity in communities looking to attract and retain residents and employees. Dog parks are considered a quality of life amenity to many. The City of Wausau has 3 off leash areas in its park but does not have a true dog park compared to other local communities such as Weston, Kronenwetter, Merrill and one being developed in Rib Mountain.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

The Wausau community dog enthusiasts are soliciting grants to offset some of the development costs. They are also looking to offset maintenance cost by providing regular park cleanup.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Sylvan Hill Park Parking Lot Reconstruction	Plan Year:	2020
Classification:	Construction	Department:	Parks, Recreation & Forestry
Priority:	High	Contact Name:	Jamie Polley
Useful Life:	20 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Reconstruction of the entrance road and main parking lot near the chalet at Sylvan Hill Park

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Design January/February 2020, construct summer/fall 2020

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input checked="" type="checkbox"/>	Serves to eliminate Blight
<input checked="" type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/>	Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/>	Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input checked="" type="checkbox"/>	Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/>	This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input checked="" type="checkbox"/>	Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/>	Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

The entrance road and main parking lot at Sylvan Hill Park was a paved lot and over time has deteriorated to the point that minimal pavement exists. Reconstruction of the lot would enhance drainage and decrease maintenance costs during snow removal operations. The road and parking lot have reached their end of life.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

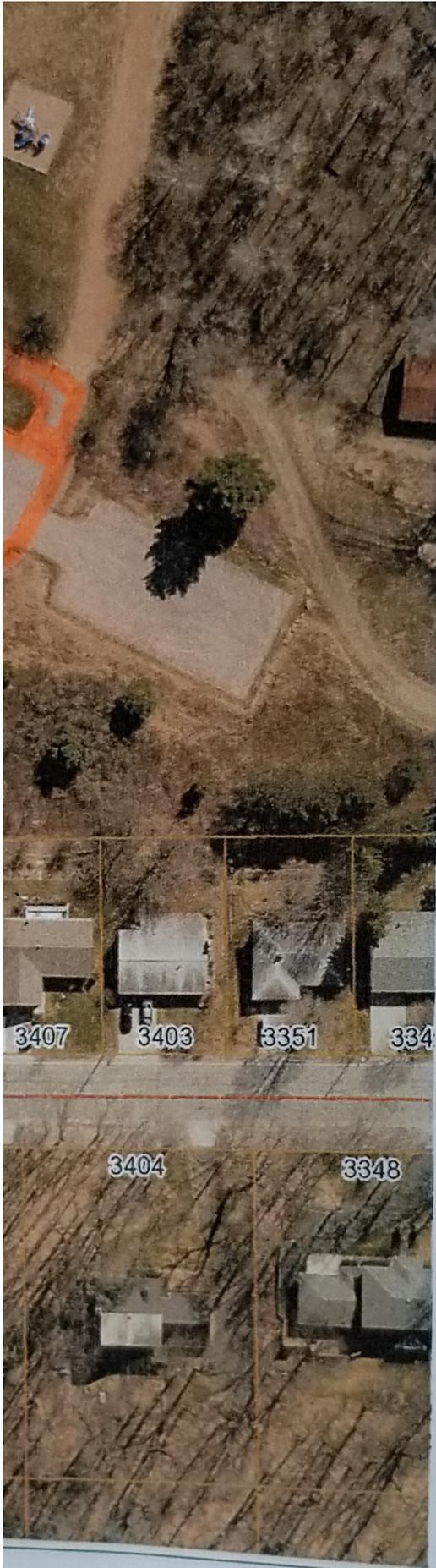
Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Long term deferral of this project would increase our maintenance costs of the lot. Maintenance requirements would include erosion control, grading, etc.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

None



Map Created: 5/31/2019

44.59 0 44.59 Feet

NAD_1983_HARN_WISCRS_Marathon_County_Feet

DISCLAIMER: The information and depictions herein are for informational purposes a
admonishes and advises that if specific and precise accuracy is required, the same should b
means. Marathon County-City of Wausau will not be responsible for any damages which

$$7,698 \text{ sq. yds} \times \$2.50 = \$19,245$$

$$3'' \text{ Asphalt} = 1330 \text{ ton} \times \$80.00/\text{ton} = \$106,400$$



Sylvan Hill Lot



CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title:	Park Rolling Stock	Plan Year:	2020
Classification:	Equipment Purchase	Department:	Parks, Recreation & Forestry
Priority:	High	Contact Name:	Jamie Polley
Useful Life:	10-12 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace equipment (tractor, department vehicles, etc.) that is worn out or can no longer be economically maintained. See attached replacement schedule. **Note:** levy costs shown indicates City's 50% share of total costs.

PROJECT SCHEDULE: (PROVIDE DETAIL ON TIMING OF PROJECT DESIGN, BID, IMPLEMENTATION AND COMPLETION)

Equipment will be specified and bid in early 2020. Most equipment will be received prior to summer 2020. Installation will occur in late summer 2020.

PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input checked="" type="checkbox"/> Contributes to a safe community

PROJECT OR PURCHASE JUSTIFICATION

Describe physical condition, demand/capacity, functionality and/or safety concerns or revenue generating potential that justifies the project/acquisition

Equipment purchase allows Park Department to maintain service at current level.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Higher vehicle maintenance costs, more equipment breakdowns.

RETURN ON INVESTMENT

Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Reduced vehicle maintenance costs.

2020 EQUIPMENT REPLACEMENT SCHEDULE

EQUIPMENT DESCRIPTION	NEW UNIT DESCRIPTION
2008 3/4 Ton Truck with Service Body	Similar Unit
2008 3/4 Ton Truck with Service Body	Similar Unit
2007 3/4 Ton Truck with lift gate	Similar Unit
2008 Ford Escape	Similar Unit
2008 4X4 1 Ton Platform Truck	Similar Unit
2008 3/4 Ton Pickup	Similar Unit
Kabota Tractor	Similar Unit
2008 3/4 Ton Pickup 4X4	Similar Unit
2008 3/4 Ton Pickup	Similar Unit
2008 3/4 Ton Pickup	Similar Unit
2008 1 Ton Truck Crew Cab	Similar Unit

CITY OF WAUSAU

**DPW-MOTOR POOL
FLEET**

**CITY OF WAUSAU
MOTOR POOL-FLEET
LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR	Dept	Total Proj	Other Funds	Type	2020	2021	2022	2023	2024	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	2020 DPW Equipment	DPW	1,327,134		Equip	1,327,134				1,327,134	
2	2020 Lease Equipment	DPW	216,041		Equip	216,041				216,041	
3	2020 Fire Equipment	Fire	516,909		Equip	516,909				516,909	
4	2020 Police Equipment	Police	158,491		Equip	158,491				158,491	
5						0				-	
6						0				-	
			<u>\$ 2,218,575</u>			<u>\$2,218,575</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,218,575</u>

CIP FORECAST- FUTURE YEARS	Dept	Total Proj	Other Funds	Type	2020	2021	2022	2023	2024	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	2021-2024 DPW Equipment	DPW	2,046,584		Equip		1,555,723	1,461,599	1,336,483	710,101	2,046,584
2	2021-2024 Lease Equipment	DPW	712,323		Equip		225,841	237,441	237,441	237,441	712,323
3	2021-2024 Fire Equipment	Fire	2,268,450		Equip		527,247	1,195,093	546,110	-	2,268,450
4	2021-2024 Police Equipment	Police	774,480		Equip		230,376	145,290	138,023	260,791	774,480
5											-
6											-
			<u>\$ 5,801,837</u>			<u>\$ -</u>	<u>\$2,539,187</u>	<u>\$3,039,423</u>	<u>\$2,258,057</u>	<u>\$1,208,333</u>	<u>\$ 5,801,837</u>

Total Budget for Motorpool Replacement
\$2,218,575

DPW Equipment 2020

Unit #	Year	Life
1020	2003	15
1058	2007	13
1087	2014	5
1088	2015	5
1089	2014	5
1134	2011	9
1206	2005	15
1207	2007	13
1208	2007	13
1209	2007	13
1593	2009	11
1473		15

Replacement Cost

248,527
72,487
1553
2485
1553
17,604
201,928
189,500
189,500
189,500
34,000
170,862
7,635

Additional Leaf Vac.
misc small eq.

1,327,134

LD Vehicle Lease 2020

Unit #	Year	year replaced	Life
1001	2018	2018	5
1002	2016	2016	5
1011			
1012	2010	2019	5
1013		2019	
1015	2016	2016	5
1016	2016	2016	5
1019	2016	2016	5
1022	2018	2018	5
1023	2018	2018	5
1025	2018	2018	5
1028	2010	2020	
1039	2017	2017	5
1174	2016	2016	5
1179	2017	2017	5
1193	2010	2020	
1195	2017	2017	5
1196	2018	2018	5
1198	2017	2017	5
1199	2017	2017	5
1201	2016	2016	5
2538	2016	2016	5
2539	2018	2018	5
2540	2018	2018	5
2542	2018	2018	5
4521	2016	2016	5
4522	2016	2016	5
4523	2016	2016	5
4526	2017	2016	5
4527	2018	2018	5
4528	2018	2018	5
4529	2018	2018	5
4530	2013	2019	5
4531	2018	2018	5
4532	2011	2019	5
4534	2017	2017	5
4535	2017	2017	5
4536	2017	2017	5
4538	2011	2019	5
4539	2006	2016	5
4541	2016	2016	5
4549	2012	2019	5
4550	2017	2017	5
4651	2017	2017	5
4654	2008	2018	5
4657	2017	2017	5
4658	2017	2017	5
4668	2016	2016	5
2560		2016	

lease cost

2020 cost for all leased vehicles

6600	6,600
5924	5,924
4900	4,900
4900	4,900
4900	4,900
5142	5,142
4666	4,666
4351	4,351
6100	6,100
6100	6,100
6100	6,100
6100	6,100
6100	6,100
4500	4,500
4351	4,351
4600	4,600
6100	6,100
5900	5,900
5900	5,900
4500	4,500
4500	4,500
4351	4,351
6638	0
6200	0
4773	4,773
3789	3,789
4291	4,291
4094	4,094
4300	4,300
4300	4,300
4200	4,200
4500	4,500
4500	4,500
4094	4,094
4094	4,094
4094	4,094
4500	4,500
4094	4,094
4666	4,666
5100	5,100
4888	4,888
5500	5,500
5300	5,300
4800	4,800
4800	4,800
6379	6,379
4460	0

2016
2017
2018
2019
2020

Sewer Ut. Budget
Sewer Ut. Budget
Sewer Ut. Budget
Sewer Ut. Budget

Water Ut. Budget

216,041

FD Equipment 2020

Unit #	Year	Life
4664	2003	17

Pumper 516,909

516,909

PD Equipment 2020

Unit #	Year	Life
4510	2012	6
4517	2013	6
4537	2013	6
4543	2004	15

Marked squad 36,758
Marked squad 36,758
Unmarked squad 36,758
Upfit new cars 28,000
Motorcycle 20,217

158,491

DPW 5 year replacement plan						2020	2021	2022	2023	2024		
						Eq. Cost	1,327,134	1,555,723	1,461,599	1,336,483	710,101	
Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2020	2021	2022	2023	2024	Year Replaced
1005	2018	10			Mini Loader	67,000	0	0	0	0	0	2028
1009	2015	15	10285	15-25K TRK	Sign Truck - Cab Over	80,000	0	0	0	0	0	2030
1014	2008	14			FORKLIFT	18,000	0	0	18,826	0	0	0
1018	2018	23	8794	AERIAL EQ	ELECTRICIANS 51 FT	122,000	0	0	0	0	0	2041
1020	2003	17	10457	AERIAL EQ	ELECTRICIANS (Pole)	240,000	248,527	0	0	0	0	0
1024	2014	12			Superintendent	25,920	0	0	0	0	0	2026
1026	2000	25			GENIE LIFT	12,000	0	0	0	0	0	2025
1027	2004	15	10289	15-25K TRK	Mechanics Truck	88,000	0	0	0	0	0	0
1033	2014	18	8801	26-35K TRK	Storm Sewer Constr. Truck	100,000	0	0	0	0	0	2032
1035	2014	15	8802	26-35K TRK	PATCH TRUCK W/#187	85,560	0	0	0	0	0	2029
1036	2014	15	8804	26-35K TRK	PATCH TRUCK W/#188	75,000	0	0	0	0	0	2029
1037	2013	14	8806	26-35K TRK	Storm Sewer Maint. Truck	70,000	0	0	0	0	0	2027
1041	2013	5	8808	TRACTORS	W/DUMP BOX	123,000	0	0	0	0	0	0
1042	2013	5	8809	TRACTORS		123,000	0	0	0	0	0	0
1043	2005	14	10456	TRACTORS	Skid Steer	48,000	0	0	0	0	0	0
1044	2014	5			Toro Groundsmaster	36,253	0	0	0	0	0	0
1045	2010	12			TRACTORS	Skid Steer	55,000	0	0	57,525	0	0
1046	2018	12	10449	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0	0
1047	2018	12	10450	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0	0
1048	1992	20	9070	36-44K TRK	DPW Water Truck (Old FD Veh.)	0	0	0	0	0	0	0
1049	2015	15	9953	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0	2030
1050	2015	15	9952	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0	2030
1051	2010	11	77778	45-65K TRK	Tandem	195,000	0	202,938	0	0	0	0
1052	2010	11	77777	45-65K TRK	Tandem	195,000	0	202,938	0	0	0	0
1053	2013	12	8819	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0	2025
1054	2013	12	8822	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0	2025
1055	2011	13			SUPER DUTY PLOW	70,000	0	0	0	0	73,580	2024
1057	2009	13			SUPER DUTY PLOW	70,000	0	0	73,214	0	0	0
1058	2007	13	10682	15-25K TRK	SUPER DUTY PLOW	70,000	72,487	0	0	0	0	0
1059	2013	12	8832	15-25K TRK	SUPER DUTY	58,000	0	0	0	0	0	2025
1061	2017	5			LOADERS	203,246	0	0	212,577	0	0	0
1062	2017	5			LOADERS	203,246	0	0	212,577	0	0	0
1063	2014	13	9321	COMPACTORS		2,150	0	0	0	0	0	2027
1065	2016	5			LOADERS	196,500	0	204,499	0	0	0	0
1066	2016	5	10274	LOADERS		196,500	0	204,499	0	0	0	0
1067	2014	12	9195	COMPACTORS		2,150	0	0	0	0	0	2026
1068	2014	12	9196	COMPACTORS		2,150	0	0	0	0	0	2026
1070	2012	12	9685	RP SWEEPER		64,500	0	0	0	0	67,799	2024
1071	2011	10			COMPACTORS	9,221	0	9,596	0	0	0	0
1072	2010	15			Air Compressor	15,000	0	0	0	0	0	2025
1073	2010	15			Air Compressor	15,000	0	0	0	0	0	2025
1074	2003	16	9938	BLOWERS	Large Snow Blower	220,000	0	0	0	0	0	0
1076	2016	13	9322	BACKHOES	Backhoe	88,000	0	0	0	0	0	2029
1078	2009	10			MISC. EQ	HYDRO HAMMER	10,000	0	0	0	0	0
1079	2009	15	9322	BACKHOES	Backhoe	88,000	0	0	0	0	92,500	2024
1081	2005	25			AIR COMP.	Portable Elect. Trk	7,300	0	0	0	0	2030
1082	1969	40			STEAM BOLIER	85,000	0	0	0	0	0	0
1083	2004	25	10276	AIR COMP.	Portable Sign trk	7,300	0	0	0	0	0	2029
1084	2006	17			ROLLERS	Rubber Tired Roller	52,890	0	0	55,595	0	0
1085	1996	40			STEAM BOLIER	85,000	0	0	0	0	0	2036
1086	1978	40			STEAM BOLIER	85,000	0	0	0	0	0	0
1087	2014	6	12291	MISC. EQ	Partner Cement Saw	1,500	1,553	0	0	0	0	0
1088	2015	5	10275	CEMENT SAW	CONCRETE CHAIN SAW	2,400	2,485	0	0	0	0	0
1089	2014	6	12291	CEMENT SAW	Partner Cement Saw	1,500	1,553	0	0	0	0	0
1090	1999	20	8859	CHAINSAW		500	0	0	0	0	0	0
1091	1999	20	8860	CHAINSAW		500	0	0	0	0	0	0
1093	2018	5	9693	LOADERS		210,000	0	0	0	220,739	0	0
1094	2011	11			BLOWERS	Large Snow Blower	260,000	0	0	271,937	0	0
1095	2011	14			ROLLERS	Steel Roller	49,786	0	0	0	0	2025
1097	2018	5	9693	LOADERS		210,000	0	0	0	220,739	0	0
1098	1997	24	8869	WATER PUMP		2,800	0	2,914	0	0	0	0
1099	1991	30	8870	WATER PUMP		2,800	0	2,914	0	0	0	0
1101	2019	5	8871	DOZERS	D6H - High Drive - Cat	249,600	0	0	0	0	262,365	2024
1103	2007	15			DOZERS	D51PX - Komatsu	0	0	0	0	0	0
1106	2014	5	8873	GRADERS	All Wheel Drive	219,022	0	0	0	0	0	0
1107	2016	5	9692	GRADERS	All Wheel Drive	245,000	0	254,973	0	0	0	0
1111	1999	25	10684	26-35K TRK	5th Wheel Tractor	65,000	0	0	0	0	68,324	2024
1113	1995	28	8877	GRADERS	Alley Grader	78,000	0	0	0	81,989	0	0
1116	1995	25	8878	TRENCHER	TRENCHER / BACKHOE	0	0	0	0	0	0	0
1119	2006	20			ST SWEEPER	Mechanical Sweeper	60,000	0	0	0	0	2026
1120	2011	8			ST SWEEPER	VACUUM SWEEPER	185,000	0	0	0	0	0
1121	2011	8			ST SWEEPER	VACUUM SWEEPER	185,000	0	0	0	0	0
1122	2008	15	8887	ST SWEEPER	Mechanical Sweeper	177,000	0	0	0	186,052	0	0
1123	2003	20	9939	ST SWEEPER	Mechanical Sweeper	143,000	0	0	0	150,313	0	0
1124	1977	20	8889	GENERATOR	MILLER WELDER	3,200	0	0	0	0	0	0
1127	2008	13			45-65K TRK	Vactor (Sewer Cleaner)	298,000	0	310,131	0	0	0
1129	2016	8	10281	CEMENT MIX	MORTAR MIXER	2,200	0	0	0	0	2,313	2024
1130	2014	8	10281	CEMENT MIX	MORTAR MIXER	2,200	0	0	2,301	0	0	0
1131	2006	15	10688	COMPACTORS	COMPACTOR	2,150	0	2,238	0	0	0	0
1133	1996	25	8895	GENERATOR	5000W MAX 4500 CONT.	3,200	0	3,330	0	0	0	0
1134	2011	9			CEMENT SAW	Walk Behind Concrete Saw	17,000	17,604	0	0	0	0
1135	1996	25			GENERATOR	3500W MAX 3000 CONT.	3,200	0	3,330	0	0	0
1136	1994	20	8896	GENERATOR	4400 MAX 4000 CONT.	3,328	0	0	0	0	0	0

Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2020	2021	2022	2023	2024	Year Replaced
1137	2018	20	8898	CHAINSAW		600	0	0	0	0	0	2038
1138	2018	20	8898	CHAINSAW		600	0	0	0	0	0	2038
1139	2018	20	8899	CHAINSAW		600	0	0	0	0	0	2038
1141	2014	20	8901	CHAINSAW		500	0	0	0	0	0	2034
1142	1968	55	8902	WATER PUMP		2,800	0	0	0	2,943	0	0
1143	2007	20		WATER PUMP	Titan	2,800	0	0	0	0	0	2027
1145	2009	17	8904	CEMENT MIX	Cement Mixer	5,758	0	0	0	0	0	2026
1146	1968	55	8905	WATER PUMP		2,800	0	0	0	2,943	0	0
1147	2007	20		GENERATOR	8000W MAX 8000 CONT.	6,000	0	0	0	0	0	2027
1148	2007	20		GENERATOR	6500W MAX 6000 CONT.	6,000	0	0	0	0	0	2027
1149	1999	25	8908	GENERATOR	8000W MAX 8000 CONT.	6,000	0	0	0	0	6,307	2024
1150	1991	30	8909	BRUSH CHPR		0	0	0	0	0	0	0
1151	1997	30	8910	PAINT EQ.	Large Line Painter	130,854	0	0	0	0	0	2027
1152	1989	31	8911	BRUSH CHPR		0	0	0	0	0	0	0
1153	2006	15	8923	MISC. EQ.	Line Eraser	3,000	0	3,122	0	0	0	0
1154	2013	10	9960	PAINT EQ.	Line Painter	5,770	0	0	0	6,065	0	0
1156	1999	6	8915	WEED WHIPS		400	0	0	0	0	0	0
1158	1995	30	8919	TRAILERS	TRENCHER TRAILER	13,000	0	0	0	0	0	2025
1159	1994	30	8917	TRAILERS	GOOSENECK	30,053	0	0	0	0	31,590	2024
1160	1994	30	8918	TRAILERS	ROLLER	13,000	0	0	0	0	13,665	2024
1161	2007	25		TRAILERS	SKID STEER	13,000	0	0	0	0	0	2032
1162	2001	15	9096	MISC. EQ.	HYDRO SEEDER		0	0	0	0	0	0
1163	1993	30	8919	TRAILERS	ROLLER	13,000	0	0	0	13,665	0	0
1165	1992	26	8921	TRAILERS	ROUTER TRL	0	0	0	0	0	0	0
1166	2002	25	9192	TRAILERS	CONCRETE SAW TRAILER	5,000	0	0	0	0	0	2027
1167	2012	15		TRAILERS	MESSAGE BOARD	14,000	0	0	0	0	0	2027
1168	1995	30	8924	TRAILERS	POLE TRAILER	16,000	0	0	0	0	0	2025
1169	2007	20	10689	TRAILERS	Skid Steer Trailer	10,000	0	0	0	0	0	2027
1171	2009	12		PAVERS	Self Propelled Paver	110,000	0	114,478	0	0	0	0
1172	2001	15	8927	MISC. EQ.	STRAW BLOWER		0	0	0	0	0	0
1173	2012	10		1/2 T TRK	DPW	0	0	0	0	0	0	0
1174	2007	15		1/2 T TRK	Weed Truck	0	0	0	0	0	0	0
1175	2012	10		1/2 T TRK	DPW	0	0	0	0	0	0	0
1176	2012	10		1/2 T TRK	DPW	0	0	0	0	0	0	0
1177	2003	11	9961	1/2 T TRK	ELECTRICIANS	20,550	0	0	0	0	0	0
1178	2000	25	8932	TRENCHER	V2050 ROOT CUTTER	15,000	0	0	0	0	0	2025
1183	2002	20	9686	TAR KETTLE		60,000	0	0	62,755	0	0	0
1184	2018	5		CRACK RTR.		18,350	0	0	0	19,288	0	0
1185	2018	5		CRACK RTR.		18,350	0	0	0	19,288	0	0
1191	2013	13		EXCAVATOR		200,000	0	0	0	0	0	2026
1193	2010	15		1/2 T TRK	Inspections	0	0	0	0	0	0	2025
1195	2006	15		1/2 T TRK	Inspections	0	0	0	0	0	0	0
1196	2006	15		1/2 T TRK	Inspections	0	0	0	0	0	0	0
1198	2005	14	8943	1/2 T TRK	Inspections	0	0	0	0	0	0	0
1199	2005	14	8944	1/2 T TRK	Inspections	0	0	0	0	0	0	0
1203	2010	12	8945	36-44K TRK	Single Axle Truck	165,000	0	0	172,575	0	0	0
1204	2010	12	8949	36-44K TRK	Single Axle Truck	165,000	0	0	172,575	0	0	0
1205	2010	12	8953	36-44K TRK	Single Axle Truck	165,000	0	0	172,575	0	0	0
1206	2005	15	10451	36-44K TRK	SWAP LOADER	195,000	201,928	0	0	0	0	0
1207	2007	13	10693	36-44K TRK	Single Axle Truck	183,000	189,502	0	0	0	0	0
1208	2007	13	10694	36-44K TRK	Single Axle Truck	183,000	189,502	0	0	0	0	0
1209	2007	13	10695	36-44K TRK	Single Axle Truck	183,000	189,502	0	0	0	0	0
1211	1980		9092	MISC. EQ.	SNOW BUCKET		0	0	0	0	0	0
1217	2018	12				195,000	0	0	0	0	0	2030
1218	2018	12				195,000	0	0	0	0	0	2030
1220	2018	15	9004	36-44K TRK	SA DUMP	150,000	0	0	0	0	0	2033
1222	2018	15	9009	36-44K TRK	SA DUMP	150,000	0	0	0	0	0	2033
1225	2010	10		MISC. EQ.	Vac / Blower	500	518	0	0	0	0	0
1226	2003	12		MISC. EQ.	SPRAYER		0	0	0	0	0	0
1227	2002	8	9694	VAC/BLOWER	BLOWER	500	0	0	0	0	0	0
1228	2014	8	2005	BLOWERS		400	0	0	418	0	0	0
1229	2006	7	10698	VAC/BLOWER	VACUUM	2,000	0	0	0	0	0	0
1230	1984	30	9014	VAC/BLOWER	BACK PACK BLOWER	1,000	0	0	0	0	0	0
1233	2014	12	9691	COMPACTORS	UPRIGHT TAMPER	2,800	0	0	0	0	0	2026
1234	1994	20	9016	AIR COMP.	Shop Portable Air Comp.	750	0	0	0	0	0	0
1235	2007	17		MISC. EQ.	Air Compressor	1,000	0	0	0	0	1,051	2024
1237	1994	21	9017	MOWERS	MOWER, ROOF	5,500	0	0	0	0	0	0
1238	2014	12	9197	COMPACTORS	PLATE TAMPER	1,750	0	0	0	0	0	2026
1239	2014	12	9198	COMPACTORS	PLATE TAMPER	1,750	0	0	0	0	0	2026
1240	2012	12		LANDA STEAMER		25,000	0	0	0	0	26,279	2024
1241	1989	30	9020	TRAILERS	PORTABLE STEAMER	25,000	0	0	0	0	0	0
1242	2018	12		MISC. EQ.	PRESSURE WASHER	500	0	0	0	0	0	0
1248							0	0	0	0	0	0
1247	2006	17		MISC. EQ.	FORK ATTACH - LOADER	10,000	0	0	0	10,511	0	0
1249	2015	20	9024	BLOWERS	BLOWER ON 41 & 42	8,500	0	0	0	0	0	2035
1250	1994	20	9025	BLOWERS	BLOWER ON 41 & 42	8,500	0	0	0	0	0	0
1251	1983		9093	MISC. EQ.	FORKLIFT ATT #93		0	0	0	0	0	0
1253							0	0	0	0	0	0
1254	1992	30	9027	MOWERS	MOWER ON 41 & 42	5,500	0	0	5,753	0	0	0
1255	2007	20		MOWERS	FLAIL MOWER ON 41 & 42	5,500	0	0	0	0	0	2027
1256	2007	12	9029	BROOM	BROOM ON #41 & #42	8,500	0	0	0	0	0	0
1257	2007	12	9030	BROOM	BROOM ON #41 & #42	8,500	0	0	0	0	0	0
1258	1991	20	9094	MOWERS	leaf pusher	5,500	0	0	0	0	0	0
1260	2001	14	9031	MOWERS	STENSALLE MOWER	35,000	0	0	0	0	0	0
1261	1995	15	9032	MOWERS	SEAFORTH MOWER	5,500	0	0	0	0	0	0
1262	2007	15		MOWERS	Boom Mower	5,500	0	0	5,753	0	0	0
1263	2014	10		MOWERS	STENSALLE MOWER	35,000	0	0	0	0	36,790	2024
1270	1998	25		MISC. EQ.	Green Machine	1,500	0	0	0	1,577	0	0

Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2020	2021	2022	2023	2024	Year Replaced
1271	1998	25	9035	BLOWERS	SNOW BLOWER	1,500	0	0	0	1,577	0	0
1272	1998	25	9036	BLOWERS	SNOWBLOWER	1,500	0	0	0	1,577	0	0
1274	2011	15		MISC. EQ	POWER SCREED	2,300	0	0	0	0	0	2026
1275	1998	7	9039	WEED WHIPS	WEEDEATER	450	0	0	0	0	0	0
1276	1998	7	9040	MOWERS	MOWER, PUSH	350	0	0	0	0	0	0
1277	1998	7	9041	MOWERS	MOWER, PUSH	350	0	0	0	0	0	0
1278	2000	7	9042	MOWERS	MOWER, PUSH	350	0	0	0	0	0	0
1279	2015	7		MOWERS	MOWER, PUSH	350	0	0	366	0	0	0
1281	2014	5	9045	WEED WHIPS	WEED WHIP	500	0	0	0	0	0	0
1282	2014	5		WEED WHIPS	WEEDEATER	500	0	0	0	0	0	0
1283	2012	5		WEED WHIPS	WEEDEATER	400	0	0	0	0	0	0
1284	2009	6		WEED WHIPS	WEEDEATER	400	0	0	0	0	0	0
1285	2014	10		WEED WHIPS	STIHL COMBI SYS.	400	0	0	0	0	420	2024
1286	2014	10		WEED WHIPS	STIHL COMBI SYS.	400	0	0	0	0	420	
1287	2014	10		WEED WHIPS	STIHL COMBI SYS.	400	0	0	0	0	420	
1289	2005	15		MISC. EQ	AUGERS FOR SKID STEER	1,200	1,243	0	0	0	0	0
1300	2005	15		MISC. EQ	HARLEY RAKE	4,500	4,660	0	0	0	0	0
1301	2005	15		MISC. EQ	GRAPPLE FORKS	1,500	1,553	0	0	0	0	0
1302	2005			SNOW PLOW	PLOW ON #1	1,800	0	0	0	0	0	0
1315	1982		9048	SNOW PLOW	PLOW ON 76		0	0	0	0	0	0
1324	1995		N/A	SNOW PLOW	AIRPORT PLOW		0	0	0	0	0	0
1395	2012	15		MISC. EQ	MESSAGE BOARD	12,500	0	0	0	0	0	2027
1396	2012	15		MISC. EQ	MESSAGE BOARD	12,500	0	0	0	0	0	2027
1397	2010	15		MISC. EQ	MESSAGE BOARD	12,500	0	0	0	0	0	2025
1398	2006	15	10697	MISC. EQ	MESSAGE BOARD	12,500	0	13,009	0	0	0	0
1399	2006	15	10696	MISC. EQ	MESSAGE BOARD	12,500	0	13,009	0	0	0	0
1400	2003		9955	MISC. EQ	SALT BRINE STATION		0	0	0	0	0	0
1401	2003		9954	MISC. EQ	SALT BRINE TANKS		0	0	0	0	0	0
1404	2007	25		HEATER			0	0	0	0	0	0
1451	1986	37	9058	WATER TANK	MOUNTED ON 220	10,000	0	0	0	10,511	0	0
1454	1999		N/A	MISC. EQ	FLATBED MOUNTED ON		0	0	0	0	0	0
1455	2000	22		MISC. EQ	SINGLE AXLE SNOW BOX		0	0	0	0	0	0
1457	2001	22	9312	MISC. EQ	FLATBED		0	0	0	0	0	0
1461	2003	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0	0
1462	2003	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0	0
1463	2004	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0	2024
1464	2004	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0	2024
1465	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0	0
1466	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0	0
1467	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0	0
1468	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0	0
1469	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0	0
1470	2007			MISC. EQ	ODD LEAF VAC		0	0	0	0	0	0
1471	2004	20		MISC. EQ	FEEDER CONVEYOR		0	0	0	0	0	2024
1472	2004	20	10283	MISC. EQ	STACKER CONVEYOR		0	0	0	0	0	2024
1473	2020				Add'l leaf vac	165,000	170,862	0	0	0	0	0
1475	2008			MISC. EQ	ALLIED HOLE HOG		0	0	0	0	0	0
1480	2009			MISC. EQ	ACCUBRINE		0	0	0	0	0	0
1488	1994			MISC. EQ	BRINE STORAGE TANK		0	0	0	0	0	0
1489	1994			MISC. EQ	BRINE STORAGE TANK		0	0	0	0	0	0
1490	1992			MISC. EQ	WASTE OIL TANK		0	0	0	0	0	0
1491	2006	20	N/A	AIR COMP.	Shop Permant Air Comp.	16,000	0	0	0	0	0	2026
1492	2004	15	10282	MISC. EQ	EMERGENCY GEN. JEFFERSON		0	0	0	0	0	0
1494	2000	30	N/A	GENERATOR	EMERGENCY GEN. DPW	3,200	0	0	0	0	0	2030
1503	2014	15	8946	SNOW PLOW	PLOW ON 203	12,500	0	0	0	0	0	2029
1504	2014	15	8950	SNOW PLOW	PLOW ON 204	12,500	0	0	0	0	0	2029
1505	2014	15	8954	SNOW PLOW	PLOW ON 205	12,500	0	0	0	0	0	2029
1506	2013	15	8989	SNOW PLOW	PLOW ON 206	12,500	0	0	0	0	0	2028
1507	2017	13	8962	SNOW PLOW	PLOW ON 207	12,500	0	0	0	0	0	2030
1508	2017	13	8966	SNOW PLOW	PLOW ON 208	12,500	0	0	0	0	0	2030
1509	2017	13	8970	SNOW PLOW	PLOW ON 209	12,500	0	0	0	0	0	2030
1517	2017	10	8880	SNOW PLOW	PLOW ON 117	12,500	0	0	0	0	0	2027
1518	2017	10	8883	SNOW PLOW	PLOW ON 118	12,500	0	0	0	0	0	2027
1520	2013	12	8997	SNOW PLOW	PLOW ON	13,500	0	0	0	0	0	2025
1522	2013	12	8993	SNOW PLOW	PLOW ON	13,500	0	0	0	0	0	2025
1523	2008		N/A	SNOW PLOW	PLOW ON #23		0	0	0	0	0	0
1541	2014	10		PLOW	PLOW ON #41 & #42	7,500	0	0	0	0	7,884	2024
1542	2014	10	9026	PLOW	PLOW ON #41 & #42	7,500	0	0	0	0	7,884	2024
1543	2010		8985	SNOW PLOW	BOBCAT PLOW		0	0	0	0	0	0
1546	2015	10	8985	SNOW PLOW	PLOW ON	13,500	0	0	0	0	0	2025
1547	2015	10	8974	SNOW PLOW	PLOW ON	13,500	0	0	0	0	0	2025
1549	2015	20	9001	SNOW PLOW	PLOW ON 49	13,500	0	0	0	0	0	2035
1550	2015	20	8981	SNOW PLOW	PLOW ON 53	13,500	0	0	0	0	0	2035
1551	2015	10	8813	SNOW PLOW	PLOW ON 51	13,500	0	0	0	0	13,500	2025
1552	2015	10	8817	SNOW PLOW	PLOW ON 52	13,500	0	0	0	0	0	2025
1553	2013	12	8958	SNOW PLOW	PLOW ON 51	13,500	0	0	0	0	0	2025
1554	2013	12	9006	SNOW PLOW	PLOW ON 54	13,500	0	0	0	0	0	2025
1557	2009	20		SNOW PLOW	PLOW ON 57	3,000	0	0	0	0	0	2029
1561	2000	18	8834	SNOW PLOW	PLOW ON 61	16,000	0	0	0	0	0	0
1562	2014	17	8836	SNOW PLOW	PLOW ON 62	16,000	0	0	0	0	0	2031
1565	1998	20	8868	SNOW PLOW	PLOW ON 65	19,000	0	0	0	0	0	0
PW65	1996		8839	SNOW PLOW	PLOW ON 65	0	0	0	0	0	0	0
1566	1999	23	8841	SNOW PLOW	PLOW ON 66	19,000	0	0	19,872	0	0	0
1593	2009	11		SNOW PLOW	PLOW ON 93 (Wings)	30,000	31,066	0	0	0	0	0
1603	1996	24	8947	SNOW WING	WING ON 203	0	0	0	0	0	0	0

Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2020	2021	2022	2023	2024	Year Replaced
1604	1996	22	8951	SNOW WING	WING ON 204	0	0	0	0	0	0	0
1605	1996	22	8955	SNOW WING	WING ON 205	0	0	0	0	0	0	0
1606	1993	20	8990	SNOW WING	WING ON 206	0	0	0	0	0	0	0
1607	2006	20	8963	SNOW WING	WING ON 207	0	0	0	0	0	0	2026
1608	2006	20	8967	SNOW WING	WING ON 208	0	0	0	0	0	0	2026
1609	2006	20	8971	SNOW WING	WING ON 209	0	0	0	0	0	0	2026
1617	1992	23	8881	SNOW WING	WING ON 117	0	0	0	0	0	0	0
1618	1992	23	8884	SNOW WING	WING ON 118	0	0	0	0	0	0	0
1620	1993	27	8998	SNOW WING	WING ON 220	0	0	0	0	0	0	0
1622	1993	27	8994	SNOW WING	WING ON 222	0	0	0	0	0	0	0
1626	2014	20		SNOW WING	WING ON 106	18,000	0	0	0	0	0	2034
1627	1997	19	9095	SNOW WING	WING ON 107	18,000	0	0	0	0	0	0
1646	1993	22	8986	SNOW WING	WING ON	0	0	0	0	0	0	0
1647	1993	22	8975	SNOW WING	WING ON	0	0	0	0	0	0	0
1649	1993	22	9002	SNOW WING	WING ON	0	0	0	0	0	0	0
1650	1993	22	8982	SNOW WING	WING ON	0	0	0	0	0	0	0
1651	2010	20		SNOW WING	WING ON 51	0	0	0	0	0	0	2030
1652	2011	20	8818	SNOW WING	WING ON 52	0	0	0	0	0	0	2031
1653	2013	20	8821	SNOW WING	WING ON	0	0	0	0	0	0	2033
1654	2013	20	8824	SNOW WING	WING ON	0	0	0	0	0	0	2033
ComDe	2008		N/A	SNOW PLOW	PLOW ON #22		0	0	0	0	0	
1741	2014				spreader on 41		0	0	0	0	0	0
1742	2001		N/A	SPREADERS	SPREADER ON 42	3,500	0	0	0	0	0	0
1757	2009	15		SPREADERS	SANDER ON 57	2,500	0	0	0	0	2,628	2024
1703	2009	15	8948	SPREADERS	SPREADER ON 203	2,500	0	0	0	0	2,628	2024
1704	2009	15	8952	SPREADERS	SPREADER ON 204	2,500	0	0	0	0	2,628	2024
1705	2009	15	9008	SPREADERS	SPREADER ON 205	2,500	0	0	0	0	2,628	2024
1706	1994	15	8960	SPREADERS	SPREADER ON 206	2,500	0	0	0	0	0	0
1707	2006	15	8964	SPREADERS	SPREADER ON 207	2,500	0	2,602	0	0	0	0
1708	2006	15	8968	SPREADERS	SPREADER ON 208	2,500	0	2,602	0	0	0	0
1709	2006	15	8972	SPREADERS	SPREADER ON 209	2,500	0	2,602	0	0	0	0
1717	2005			SPREADERS	SPREADER	0	0	0	0	0	0	0
1718	2005	20		SPREADERS	SPREADER	0	0	0	0	0	0	2025
1751	2003	20		MISC. EQ	BARREL FILLER	15,000	0	0	0	15,767	0	0
1720	2009	14		SPREADERS	SPREADER ON 220	15,000	0	0	0	15,767	0	0
1722	2009	14	9057	SPREADERS	SPREADER ON 220, 222	15,000	0	0	0	15,767	0	0
1753	2003	20	9956	SPREADERS	SPREADER	60,000	0	0	0	63,068	0	0
1754	2003	20	9957	SPREADERS	SPREADER	60,000	0	0	0	63,068	0	0
1749	2003	20	9958	SPREADERS	SPREADER	60,000	0	0	0	63,068	0	0
1750	2005	20	10458	SPREADERS	SPREADER	60,000	0	0	0	0	0	2025
1746	2005			SPREADERS	SPREADER	30,000	0	0	0	0	0	0
1747	2005			SPREADERS	SPREADER	30,000	0	0	0	0	0	0
1882	1969	50	8852	BOILERS	ON 82	0	0	0	0	0	0	0
1885	1996	50		BOILERS	ON 85	80,000	0	0	0	0	0	2046
1886	1978	50	8857	BOILERS	ON 86	0	0	0	0	0	0	2028
1835	2007	16		ASPHLT BOX	ON TRUCK #35	45,000	0	0	0	47,301	0	0
1836	2007	16		ASPHLT BOX	ON TRUCK #36	45,000	0	0	0	47,301	0	0
H181	2014	6		HEAT LANCE		2,500	2,589	0	0	0	0	
W53A	1991			SNOW WING			0	0	0	0	0	
W54A	1991			SNOW WING			0	0	0	0	0	
addl	2015	0		att. For #1043		27900	0	0	0	0	0	0
299	total eq #s				Total replacement cost	11,648,257	1,327,134	1,555,723	1,461,599	1,336,483	710,101	

							2020	2021	2022	2023	2024
						Eq. Cost	216,041	225,841	237,441	237,441	237,441
LD Vehicle Lease Plan 5 Year											
	Eq.#	Year	Replacement year	Life	Dept.	Lease Cost	2020	2021	2022	2023	2024
1	1001	2018	2018	5		6600	6,600	6,600	6,600	6,600	6,600
2	1002	2016	2016	5		5924	5,924	5,924	5,924	5,924	5,924
3	1006	2011	2021	10		4900		4900	4900	4900	4900
4	1011	2010	2019	11		4900	4,900	4900	4900	4900	4900
5	1012	2010	2019	5		4900	4,900	4900	4900	4900	4900
6	1013	2010	2019	11		4900	4,900	4900	4900	4900	4900
7	1015	2016	2016	5		5142	5,142	5,142	5,142	5,142	5,142
8	1016	2016	2016	5		4666	4,666	4,666	4,666	4,666	4,666
9	1019	2016	2016	5		4351	4,351	4,351	4,351	4,351	4,351
10	1022	2018	2018	5		6100	6,100	6,100	6,100	6,100	6,100
12	1023	2018	2018	5		6100	6,100	6,100	6,100	6,100	6,100
13	1024	2014	2022	8		6300			6300	6,300	6,300
14	1025	2018	2018	5		6100	6100	6100	6100	6,100	6,100
15	1027	2004				0	0				
16	1028	2010	2020	5		6100	6100	6100	6100	6100	6100
17	1039	2017	2017	5		4500	4500	4,500	4,500	4,500	4,500
18	1173	2012									
19	1174	2016	2016	5		4351	4,351	4,351	4,351	4,351	4,351
20	1175	2012									
21	1176	2012									
22	1177	2015									
23	1179	2017	2017	5		4600	4600	4600	4600	4,600	4,600
24	1193	2010	2020	5		6100	6100	6100	6100	6100	6100
25	1195	2017	2017	5		5900	5900	5900	5900	5,900	5,900
26	1196	2018	2018	5		5900	5900	5900	5900	5,900	5,900
27	1198	2017	2017	5		4500	4500	4,500	4,500	4,500	4,500
28	1199	2017	2017	5		4500	4500	4,500	4,500	4,500	4,500
29	1201	2016	2016	5		4351	4351	4,351	4,351	4,351	4,351
30	2538	2016	2016	5		6638	0				
31	2539	2018	2018	5							
32	2540	2018	2018	5							
33	2542	2018	2018	5		6200	0				
34											
35	4521	2016	2016	5		4773	4773	4,773	4,773	4,773	4,773
36	4522	2016	2016	5		3789	3789	3,789	3,789	3,789	3,789
37	4523	2016	2016	5		4291	4291	4,291	4,291	4,291	4,291
38	4526	2017	2016	5		4094	4094	4,094	4,094	4,094	4,094
39	4527	2018	2018	5		4300	4300	4300	4300	4,300	4,300
40	4528	2018	2018	5		4300	4300	4300	4300	4,300	4,300
41	4529	2018	2018	5		4200	4200	4,200	4,200	4,200	4,200
42	4530	2013	2019	5		4500	4500	4500	4500	4500	4500
43	4531	2018	2018	5		4500	4,500	4,500	4,500	4,500	4,500
44	4532	2011	2019	5		4500	4500	4500	4500	4,500	4,500
45	4533	2012	2021			4900		4900	4900	4,900	4,900
46	4534	2017	2017	5		4094	4094	4,094	4,094	4,094	4,094
47	4535	2017	2017	5		4094	4094	4,094	4,094	4,094	4,094
48	4536	2017	2017	5		4094	4094	4,094	4,094	4,094	4,094
49	4538	2011	2019	5		4500	4500	4500	4500	4500	4500
50	4539	2006	2016	5		4094	4094	4,094	4,094	4,094	4,094
51	4540	2013									
52	4541	2016	2016	5		4666	4666	4,666	4,666	4,666	4,666
53	4546	2007	2017			4200					
54	4549	2019	2019	5		5100	5100	5100	5100	5100	5100
55	4550	2017	2017	5		4888	4888	4,888	4,888	4,888	4,888
56	4651	2017	2017	5		5500	5500	5,500	5,500	5,500	5,500
57	4654	2008	2018	5		5300	5300	5300	5300	5,300	5,300
58	4655	2012	2021			5300			5,300	5,300	5,300
59	4657	2017	2017	5		4800	4800	4,800	4,800	4,800	4,800
60	4658	2017	2017	5		4800	4800	4,800	4,800	4,800	4,800
61	4682	2007	2021								
62	4668	2016	2016	5		6379	6379	6,379	6,379	6,379	6,379
63	2560		2016	5		4460	0				
					Total lease value	\$258,939					
					Annual lease cost		\$216,041	\$225,841	\$237,441	\$237,441	\$237,441

FD 5 Year Replacement Plan							2020	2021	2022	2023	2024	
							Eq. Cost	516,909	527,247	1,195,093	546,110	0
Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2020	2021	2022	2023	2024	Year Replaced
Fire Apparatus Equipment												
4664	2003	17	9717	Pumper	Engine 4	450,000	516,909	0	0	0	0	2020
4661	2006	15	10533	Pumper	Engine #2	450,000	0	527,247	0	0	0	2021
4662	2014	16	9069	Pierce Pumper	Engine #1 (Future Stn #2)	432,692	0	0	0	0	0	2030
4663	2009	16	9070	Pumper	Engine #3	450,000	0	0	0	0	0	2025
4665	1984	38	9084	Aerial 100 Ft.	Truck #2	1,000,000	0	0	1,195,093	0	0	2022
4695	2012	40		Aerial 100 Ft.	Truck #1	1,000,000	0	0	0	0	0	2052
							0	0	0	0	0	
Ambulance / Med Units												
4669	2018	12		Ambulance	Med 2	224,000	0	0	0	0	0	2030
4670	2009	10		Ambulance	Med 5	224,000	0	0	0	0	0	2019
4672	2013	10		Ambulance	Med 4	224,000	0	0	0	273,055		2023
4671	2013	10		Ambulance	Med 1	224,000	0	0	0	273,055		2023
4673	2018	12	9716	Ambulance	Med 3	224,000	0	0	0	0	0	2030
							0	0	0	0	0	
Other Support Vehicles & Equipment												
							0	0	0	0	0	0
							0	0	0	0	0	0
4655	2012	15		SUV	Car 5 - Incident Comm.	29,000	0	0	0	0	0	2027
							0	0	0	0	0	0
							0	0	0	0	0	0
4667	1996	16	9083	Truck	Tanker 1 - 3,000 Gallon	0	0	0	0	0	0	2012
							0	0	0	0	0	0
4682	2007	12		Truck	Car 2 - Jefferson Ramp Respond	0	0	0	0	0	0	2019
4674	2015	16	9081	Truck	Rescue 1	250,000	0	0	0	0	0	2031
4677	1984	0	9082	Trailer	Trailer 1 - Fire Safety House	0	0	0	0	0	0	1984
4678	2016	20			Airboat	75,000	0	0	0	0	0	2036
							0	0	0	0	0	0
4681	1993	35		Boat #1	Boat 2 - 16' Rescue Boat	8,700	0	0	0	0	0	2028
	2005	20		Boat	Boat 1 - Inflatable rubber rescu	4,000	0	0	0	0	0	2025
4675	1998	25	9073	Truck	Tractor, Haz-Mat 5th Whl 4x4	0	0	0	0	0	0	2023
4676	1987	25	9074	Truck	Tractor, Haz-Mat 5th Whl 4x4	0	0	0	0	0	0	2012
4679	1997	25		Trailer	Trailer, Decon Haz-Mat	0	0	0	0	0	0	2022
4680	1996	30	9075	Trailer	Trailer, Command Hazmat	77,000	0	0	0	0	0	2026
					Total Replacement Value	5,346,392						
							2020	2021	2022	2023	2024	
					Annual Eq. Cost		516,909	527,247	1,195,093	546,110	0	

CITY OF WAUSAU

**STREET
INFRASTRUCTURE**

**CITY OF WAUSAU CAPITAL BUDGET
DETAIL ANALYSIS OF 2020 INFRASTRUCTURE PROJECTS**

ACCT NO.	SPECIAL FUNDING SOURCE	TOTAL REQUEST	Special Funding	DEFERRED TO FUTURE YEAR	2020 BUDGET
LAND ACQUISITION					
TOTAL LAND ACQUISITION		\$ -	\$ -	\$ -	\$ -
DOT PROJECTS					
Stewart Avenue, 1st to 17th Avenue Design	CO balance				-
Stewart Ave, 1st to 17th Ave Construction	CO balance				-
1st Avenue, Thomas to Stewart Design	CO balance		TID #6		-
1st Avenue, Thomas to Stewart State Review	CO balance		TID #6		-
1st Avenue, Thomas to Stewart Construction	CO balance		TID #6		-
1st Avenue, Thomas to Stewart Insp.	CO balance		TID #6		-
Townline Rd, Grand to Easthill Design Review	CO balance				-
Townline Rd, Grand to Easthill State Review	CO balance				-
Townline Rd, Grand to Easthill Construction	CO balance				-
Townline Rd, Grand to Easthill Insp.	CO balance				-
County Highway U design/construction	CO balance				-
USH Bus 51 (Merrill Ave) construction	CO balance				-
Grand Avenue, Division to Kent	CO balance				-
WisDOT Misc. Projects	CO balance				-
Scott Street Bridge Design	CO balance				-
Grand Avenue Intersections Design	CO balance				-
Grand Avenue Bridge Design	CO balance				-
72nd Ave Trail		24,825			24,825
TOTAL DOT PROJECTS		\$ 24,825	\$ -	\$ -	\$ 24,825
STREET IMPROVEMENTS					
150 232098230					
Cedar Street, 7th Ave to 14th Ave		\$ 721,000			\$ 721,000
Kickbusch Street, Bellis St to 13th St		\$ 824,000			\$ 824,000
Eau Claire Blvd, Grand to west termini		\$ 1,133,000			\$ 1,133,000
Emerson Street, Eau Claire Blvd to Kent St		\$ 123,600			\$ 123,600
Mount View Blvd, Eau Claire Blvd to Kent St		\$ 123,600			\$ 123,600
Pied Piper Lane, Eau Claire Blvd to Kent St		\$ 123,600			\$ 123,600
TOTAL STREET IMPROVEMENTS		\$ 3,048,800	\$ -	\$ -	\$ 3,048,800
BOULEVARD TREES & LANDSCAPING					
150 232098237					
For 2020 project streets and subdivisions		\$ 25,000			\$ 25,000
		\$ 25,000	\$ -	\$ -	\$ 25,000
THOMAS STREET					
144 344998212					
Thomas Street Design	CO balance		TID #6		-
Thomas Street, 4th Ave to WI River Bridge	CO balance		TID #6		-
		\$ -	\$ -	\$ -	\$ -
ASPHALT OVERLAY AND ALLEY PAVING					
Asphalt Paving	150 232698230	\$ 250,000			\$ 250,000
Alley Paving	150 232698236	\$ 25,000			\$ 25,000
TOTAL ASPHALT OVERLAY AND ALLEY PAVING		\$ 275,000	\$ -	\$ -	\$ 275,000
SIDEWALKS					
Annual Sidewalk Replacement Contract	150 233098240	\$ 150,000			\$ 150,000
TOTAL SIDEWALKS		\$ 150,000	\$ -	\$ -	\$ 150,000
STREET LIGHTING					
TOTAL STREET LIGHTING		\$ -	\$ -	\$ -	\$ -
BRIDGE MAINTENANCE					
Expansion Joints	CO balance				\$ -
Concrete Repair	CO balance				-
TOTAL BRIDGE MAINTENANCE		\$ -	\$ -	\$ -	\$ -

**CITY OF WAUSAU CAPITAL BUDGET
 DETAIL ANALYSIS OF 2020 INFRASTRUCTURE PROJECTS**

	ACCT NO.	SPECIAL FUNDING SOURCE	TOTAL REQUEST	Special Funding	DEFERRED TO FUTURE YEAR	2020 BUDGET
STORM SEWER						
	150 236198250					
Cedar Street, 7th Ave to 14th Ave			\$ 220,000		\$ -	\$ 220,000
Kickbusch Street, Bellis St to 13th St			\$ 100,000		\$ -	\$ 100,000
Eau Claire Blvd, Grand to west termini			\$ 260,000		\$ -	\$ 260,000
Emerson Street, Eau Claire Blvd to Kent St			\$ -		\$ -	\$ -
Mount View Blvd, Eau Claire Blvd to Kent St			\$ -		\$ -	\$ -
Pied Piper Lane, Eau Claire Blvd to Kent St			\$ -		\$ -	\$ -
S. 24th ave (Galleria) Storm Sewer Replacement			\$ 300,000		\$ -	\$ 300,000
Townline Road, Grand Ave to Easthill Dr	CO balance		\$ -		\$ -	\$ -
Thomas Street, 4th Ave to WI River Bridge	CO balance	TID #6	\$ -		\$ -	\$ -
1st Avenue, Thomas St to Stewart Ave	CO balance	TID #6	\$ -		\$ -	\$ -
Consultant Design and Study Fees			\$ 10,000		\$ -	\$ 10,000
BMP Construction/Modification			\$ -		\$ -	\$ -
Stormwater Coalition Membership			\$ 2,500		\$ -	\$ 2,500
Wetland Delineation Studies			\$ 10,000		\$ -	\$ 10,000
Other Costs - DNR fees, Outreach Program, Training			\$ 11,000		\$ -	\$ 11,000
TOTAL STORM SEWER			\$ 913,500	\$ -	\$ -	\$ 913,500
OTHER PROFESSIONAL SERVICES						
	150 236592190					
Unanticipated Engineering Studies	CO balance		\$ -		\$ -	\$ -
TOTAL OTHER PROFESSIONAL SERVICES			\$ -	\$ -	\$ -	\$ -
OTHER CAPITAL EXPENDITURES						
	150 236598290					
Concrete Pavement Repairs (joints/cracks)			\$ 250,000			\$ 250,000
Pavement Markings			\$ 100,000			\$ 100,000
Curb Replacement			\$ -			\$ -
Bridge Street Intersection Improvements			\$ 65,000			\$ 65,000
TOTAL OTHER CAPITAL REPAIRS			\$ 415,000	\$ -	\$ -	\$ 415,000
PARKING RAMP CAPITAL EXPENDITURES						
	150 237598437					
Annual Maintenance/repairs			\$ -			\$ -
TOTAL RAMP CAPITAL EXPENDITURES			\$ -	\$ -	\$ -	\$ -
GIS HARDWARE/SOFTWARE						
Conversion of GIS Imagery - prof. services			\$ -		\$ -	\$ -
TOTAL GIS HARDWARE/SOFTWARE			\$ -	\$ -	\$ -	\$ -
INDUSTRIAL PARK						
TOTAL INDUSTRIAL PARK			\$ -	\$ -	\$ -	\$ -
WATERMAINS						
Cedar Street, 7th Ave to 14th Ave		Utility	\$ 310,000	\$ 310,000	\$ -	\$ -
Kickbusch Street, Bellis St to 13th St		Utility	\$ 260,000	\$ 260,000	\$ -	\$ -
Eau Claire Blvd, Grand to west termini		Utility	\$ 510,000	\$ 510,000	\$ -	\$ -
Emerson Street, Eau Claire Blvd to Kent St		Utility	\$ 20,000	\$ 20,000	\$ -	\$ -
Mount View Blvd, Eau Claire Blvd to Kent St		Utility	\$ 20,000	\$ 20,000	\$ -	\$ -
Pied Piper Lane, Eau Claire Blvd to Kent St		Utility	\$ 40,000	\$ 40,000	\$ -	\$ -
TOTAL WATER MAINS			\$ 1,160,000	\$ 1,160,000	\$ -	\$ -
SANITARY SEWER						
Cedar Street, 7th Ave to 14th Ave		Utility	\$ 120,000	\$ 120,000	\$ -	\$ -
Kickbusch Street, Bellis St to 13th St		Utility	\$ 200,000	\$ 200,000	\$ -	\$ -
Eau Claire Blvd, Grand to west termini		Utility	\$ 280,000	\$ 280,000	\$ -	\$ -
Emerson Street, Eau Claire Blvd to Kent St		Utility	\$ 30,000	\$ 30,000	\$ -	\$ -
Mount View Blvd, Eau Claire Blvd to Kent St		Utility	\$ 25,000	\$ 25,000	\$ -	\$ -
Pied Piper Lane, Eau Claire Blvd to Kent St		Utility	\$ -	\$ -	\$ -	\$ -
TOTAL SANITARY SEWER			\$ 655,000	\$ 655,000	\$ -	\$ -
GRAND TOTAL			\$ 6,667,125	\$ 1,815,000	\$ -	\$ 4,852,125

2020 STREET RECONSTRUCTION (5 Year Plan)

2020

Cedar Street	(7 th Avenue – 14 th Avenue)	\$900,000
Kickbush Street	(Bellis Street – East Dead End)	\$900,000
Eau Claire Blvd	(Grand – West Termini)	\$1.3 Mil
Emerson Street	(Eau Claire - Kent Street)	\$90,000
Mount View Blvd	(Eau Claire - Kent Street)	\$110,000
Pied Piper Lane	(Eau Claire – Kent Street)	\$90,000

2021

Bertha Street	(Mary Street – Zimmerman Street)	\$900,000
4 th Street	(McClellan Street – Scott Street)	\$150,000
4 th Avenue	(Bridge Street – Knox Street)	\$650,000

2022

Ethel Street	(Grand Avenue to Zimmerman Street)	\$1.0 Mil
Emerson Street	(Lakeview Dr – Kent Street)	\$400,000
Jackson Street	(RR Tracks – 12 th Street)	\$400,000

2023

Stark Street	(5 th Street – 12 th Street)	\$900,000
Henrietta Street	(Bellis Street – 13 th Street)	\$480,000
Rosecrans Street	(17 th Avenue – 22 nd Avenue)	\$600,000

2024

See Other Streets listed below.

Other Streets

N. 1 st Street	(Short Street – Dekalb Street)	\$190,000
N. 2 nd Street	(Short Street – Bridge Street)	\$250,000
N. 2 nd Street	(Scott Street – Grant Street)	\$160,000
N. 2 nd Ave	(E. Randolph – Lucille Street)	\$290,000
N. 2 nd Ave	(Knox Street – W. Eldred Street)	\$300,000
S. 3 rd Ave	(Imm Street – Termini)	\$200,000
N. 4 th Ave	(Merrill Ave – Randolph Street)	\$420,000
N. 4 th Street	(Hamilton Street – Bridge Street)	\$250,000
S. 4 th Street	(River Drive – Forest Street)	\$390,000
S. 5 th Ave	(Stewart Ave – Elm Street)	\$310,000
S. 6 th Ave	(Garfield – Elm)	\$520,000
S. 7 th Ave	(Garfield – Elm)	\$520,000
8 th Street	(Hamilton Street to Bridge Street)	\$220,000

N. 9 th Ave	(Elm – Spruce)	\$250,000
N. 9 th Street	(Winton – Parcher)	\$250,000
N. 10 th Ave	(Bridge – W. Wausau)	\$310,000
N. 11 th Ave	(Elm – Cedar)	\$420,000
N. 12 th Street	(Forest-McIndoe)	\$650,000
N. 12 th Street	(Hamilton – Stark)	\$200,000
N. 12 th Street	(Brown – Sylvan)	\$900,000
S. 14 th Ave	(Chellis – Thomas)	\$420,000
S. 15 th Ave	(Rosecrans – Thomas)	
	\$120,000	
S. 16 th Ave	(Sheridan – Sherman)	\$160,000
S. 19 th Ave	(Bopf – Thomas)	\$150,000
S. 20 th Ave	(Rosecans – Sherman)	
	\$150,000	
S. 21 st Ave	(Sherman – Rosecrans)	\$150,000
S. 21 st Place	(Sherman – Rosecrans)	\$150,000
S. 22 nd Place	(Sherman – Rosecrans)	\$150,000
S. 39 th Ave	(Stewart Ave – Tanglewood Ln)	\$400,000
Adams Street	(N. 5 th Street – N. 9 th Street)	\$400,000
Cherry Street	(W. Wausau – Randolph)	\$670,000
Clark Street	(2 nd Ave – 4 th Ave)	\$400,000
Clayton Street	(Cherry Street – 2 nd Ave)	\$150,000
Fulton Street	(1 st Street – 7 th Street)	\$1.2 mil
Garfield Ave	(17 th Ave – 19 th Ave)	\$250,000
Garth Street	(Ross – Termini)	\$75,000
Grant Street	(6 th Street – 7 th Street)	\$100,000
Greenhill Drive	(8 th Ave -12 th Ave)	\$150,000
Henrietta Street	(Bellis – 13 th Street)	\$250,000
Imm Street	(3 rd Ave – Lakeview)	\$250,000
Knox Street	(Cherry – 3 rd Ave)	\$250,000
Kolter Street	(Mathie – Roosevelt)	\$150,000
Lamont Street	(Weston – Kent)	\$350,000
Lillie Street	(Broadway – St Austin)	\$250,000
Lincoln Ave	(2 nd Ave – 10 th Ave)	\$900,000
Lines Street	(Lines – Ross)	\$200,000
Mathie Street	(Kolter – Weston)	\$230,000
McClellan Street	(11 th Ave – 13 th Ave)	\$175,000
McDonald Street	(Grand Ave – Torney)	\$180,000
Mount View Blvd	(Kent – Lakeview)	\$400,000
Norton Street	(10 th Ave – 1 st Ave)	\$700,000
Oakwood Blvd	(Lakeview – Termini)	\$130,000
Pardee Street	(17 th Ave – 20 th Ave)	\$300,000
Park Ave	(7 th St – 10 th Street)	\$390,000
Pied Piper Lane	(Kent – Lakeview)	\$350,000
Plumer Street	(Prospect – Grand)	\$250,000
Porter Street	(1 st Ave – 3 rd Ave)	\$240,000

Quaw Street	(1 st ave – 10 th Ave)	\$600,000
Rosecrans Street	(17 th Ave – 22 nd Ave)	\$500,000
Ross Ave	(Sturgeon Eddy – Grand Ave)	\$950,000
Ruder Street	(Fairmont – Grand Ave)	\$200,000
Sheridan Road	(15 th Ave – 17 th Ave)	\$125,000
Short Street	(1 st Ave – 3 rd Ave)	\$200,000
Spruce Street	(12 th Ave – 14 th Ave)	\$200,000
Stewart Ave	(48 th Ave – 72 nd Ave)	\$3.0 Mil
W. Strowbridge	(6 th Ave – 10 th Ave)	\$435,000
Torney Ave.	(Townline Rd – McDonald St.)	\$270,000
E. Union Ave	(N. 1 st Ave – Cherry Street)	\$90,000
West Street	(21 st Place – 22 nd Ave)	\$200,000

Sum Total of Other Streets: Approx. \$25 Million

- Notes:
1. Street reconstruction costs do not reflect Sewer and Water Costs
 2. WDOT Street Reconstructions not included in this plan

o:\engineering\lmw\CIP\2019-5year.doc

CITY OF WAUSAU

WAUSAU UTILITIES

WAUSAU WATER WORKS - DRINKING WATER DIVISION		DATE 07/02/19						
2020-2024 CAPITAL PLAN								
IMPROVEMENTS/PROJECTS	COST EST	FUND SOURCE	2020	2021	2022	2023	2024	
WATER TREATMENT PLANT								
PLANT ENGNRG/DESIGN/BIDDING/MNGMT	\$41,000,000	BORROW	24,600,000	16,400,000				
PUMPING/FILTRATION/CLEAR WELL	\$0	BORROW						
PLANT FILTER REHAB	\$0	BORROW						
SS PLANT REHABILITATION	\$0	BORROW						
CHEMICAL FEED/SCADA/EQUIPMENT	\$0	BORROW						
METER BUILDING RECONSTRUCTION	\$0	BORROW						
TREATMENT PLANT BUILDING RENOVATION	\$0	BORROW						
PILOT STUDY	\$0	OP FUNDS						
SUBTOTAL	\$41,000,000		\$24,600,000	\$16,400,000	\$0	\$0	\$0	
TOWERS/RESERVOIRS/BOOSTER STATIONS								
GENERATOR - ONSITE	\$240,000	OP FUNDS	240,000					
SCADA UPGRADES - BOOSTER STATIONS	\$360,000	OP FUNDS		140,000	220,000			
MONROE BOOSTER STATION RECONSTRUCTION	\$500,000	BORROW			500,000			
RESERVOIR INSPECTIONS	\$40,000	OP FUNDS						40,000
RESERVOIR INTER/EXTER COATINGS & MAINT	\$450,000	OP FUNDS	150,000	150,000	150,000			
SUBTOTAL	\$1,590,000		\$390,000	\$290,000	\$870,000	\$0	\$40,000	
BUILDINGS AND STRUCTURES								
WELL HOUSES - UPGRADES	\$120,000	OP FUNDS	40,000	40,000	40,000			
BOOSTER STATIONS - UPGRADES	\$225,000	OP FUNDS	75,000	75,000	75,000			
SUBTOTAL	\$345,000		\$115,000	\$115,000	\$115,000	\$0	\$0	
WELLS								
FUTURE WELL	\$650,000	BORROW				\$650,000		
SUBTOTAL	\$650,000		\$0	\$0	\$0	\$650,000	\$0	
METERS & RADIO READ BOXES								
METER & RADIO BOX REPLACEMENT (ON-GOING)	\$2,100,000	OP FUNDS	420,000	420,000	420,000	420,000	420,000	420,000
SUBTOTAL	\$2,100,000		\$420,000	\$420,000	\$420,000	\$420,000	\$420,000	\$420,000
TRANSPORTATION EQUIPMENT - VEHICLES								
LIGHT DUTY TRUCK	\$210,000	BORROW	50,000	40,000	40,000	40,000	40,000	40,000
SUBTOTAL	\$210,000		\$50,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
TOOLS, SHOP AND GARAGE								
BACKHOE REPLACEMENT	\$125,000	BORROW			125,000			
HURCO (ADDITIONAL AND REPLACEMENT)	\$80,000	OP FUNDS		80,000				
SUBTOTAL	\$205,000		\$0	\$80,000	\$125,000	\$0	\$0	
OFFICE FURNITURE AND EQUIPMENT								
COMPUTER EQUIPMENT	\$25,000	OP FUNDS			\$25,000			
SUBTOTAL	\$25,000		\$0	\$0	\$25,000	\$0	\$0	
DISTRIBUTION/SUPPLY MAINS								
<u>Street Projects</u>								
Kickbusch St (Bellis to 13th St)	\$260,000	BORROW	\$260,000					
Cedar Street, 7th Ave to 14th Ave	\$310,000	BORROW	\$310,000					
Emerson Street, EauClaire to Kent	\$20,000	OP FUNDS	\$20,000					
Mount View Blvd., EauClaire to Kent	\$20,000	OP FUNDS	\$20,000					
Pied Piper Lane, EC to Kent	\$40,000	OP FUNDS	\$40,000					
Eau Claire BLVD	\$510,000	OP FUNDS	\$510,000					
Bertha St (Mary to Zimmerman)	\$120,000	OP FUNDS		\$120,000				
Ethel Street (Grand Ave - Zimmerman St)	\$140,000	OP FUNDS		\$140,000				
4th St (McClellan St- Scott St)	\$40,000	OP FUNDS		\$40,000				
Jackson St (Rrtrackes o 12th St)	\$120,000	OP FUNDS			\$120,000			
Stark St (5th St- 122th St)	\$200,000	OP FUNDS			\$200,000			
Bugbee Ave (Burek Ave - Tiernaey Rd)	\$80,000	OP FUNDS			\$80,000			
Hennrietta St (Bellis St - 13th St)	\$160,000	OP FUNDS				\$160,000		
4th Ave (Bridge St - Knox St)	\$240,000	OP FUNDS				\$240,000		
Rosecrans (17th Ave - 22nd Ave)	\$120,000	OP FUNDS				\$120,000		
Fulton Street Extension	TBD	TID #3						
Future Street projects	\$600,000	OP FUNDS						\$600,000
SUBTOTAL	\$2,980,000		\$1,160,000	\$300,000	\$400,000	\$520,000	\$600,000	
<u>Proposed Developments/Extensions</u>								
Ind Park WM Relocate (Dietary Pros)	\$90,000	BORROW						\$90,000
Northwestern Ave (Higgenbotham)	\$130,000	BORROW						\$130,000
West Business Campus W&S (TID \$600K)	\$0	TID \$600K						
<u>General Distribution Projects</u>								
STEWART AVE LOOPING-12"-60/68 AVE	\$400,000	OP FUNDS		\$400,000				
LOOPING MAIN 10"- FRANKLIN ST TO HAMILTON ST	\$135,000	OP FUNDS			\$135,000			
Looping main Stettin Dr. Stewart to 44th	\$150,000	OP FUNDS				150,000		
LOOPING MAIN STETTIN DRIVE, 48TH AVE TO 52ND AV	\$170,000	OP FUNDS				\$85,000	\$85,000	

WAUSAU WATER WORKS - DRINKING WATER DIVISION		DATE 07/02/19						
2020-2024 CAPITAL PLAN								
IMPROVEMENTS/PROJECTS	COST EST	FUND SOURCE	2020	2021	2022	2023	2024	
ELM ST (14TH- 17TH AVE) 17TH AVE (ELM- STEWART)	\$540,000	BORROW			\$540,000			
17TH AVE LINING (ELM NORTH TO EAST SIDE HWY 51)	\$220,000	BORROW			\$220,000			
MISC EXTENSIONS	\$2,500,000	BORROW	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	
SUBTOTAL	\$4,335,000		\$500,000	\$900,000	\$1,395,000	\$735,000	\$805,000	
TOTAL CAPITAL	\$53,440,000		\$27,235,000	\$18,545,000	\$3,390,000	\$2,365,000	\$1,905,000	
CUMULITIVE CAPITAL			\$27,235,000	\$45,780,000	\$49,170,000	\$51,535,000	\$53,440,000	
WATER CIP FUNDING								
			2020	2021	2022	2023	2023	
		OP FUNDS	\$1,515,000	\$1,605,000	\$1,465,000	\$1,175,000	\$1,145,000	
		BORROW	\$25,720,000	\$16,940,000	\$1,925,000	\$1,190,000	\$760,000	
		TOTAL	\$27,235,000	\$18,545,000	\$3,390,000	\$2,365,000	\$1,905,000	

WAUSAU WATER WORKS - WASTEWATER DIVISION		DATE 07/02/2019						
2020-2024 CAPITAL PLAN								
IMPROVEMENTS/PROJECTS	COST EST	FUND SOURCE	2020	2021	2022	2023	2024	
SEWER TREATMENT PLANT								
Preliminary Design Services	0	BORROW						
Final Design / Bidding	8,000,000	BORROW	4,000,000	4,000,000				
Plant Buildings and Infrastructure	10,000,000	BORROW	5,000,000	5,000,000	0	0	0	0
Upgrade Aeration Basins	3,000,000	BORROW	1,500,000	1,500,000				
Digesters and Equipment	10,500,000	BORROW	5,500,000	5,000,000				
Disinfection Capacity	500,000	BORROW	250,000	250,000				
Phosphorus and Filtration	11,000,000	BORROW	5,500,000	5,500,000				
Preliminary Treatment Grit Removal	2,800,000	BORROW	1,400,000	1,400,000				
Raw Wastewater Pumping	5,000,000	BORROW	2,500,000	2,500,000				
Primary Clarifiers/Primary Clarifier Piping	4,800,000	BORROW	2,400,000	2,400,000				
Solids Handling	16,000,000	BORROW	8,000,000	8,000,000				
Secondary Clarifier Launderers	500,000	BORROW	500,000					
Generator and Building Upgrades	1,000,000	BORROW		1,000,000				
Gas Storage Compressors	800,000	BORROW	800,000					
RAW Pump #3 Rebuild	40,000	BORROW	40,000					
SCADA I&C	1,000,000	BORROW	1,000,000					
Subtotal	74,940,000		38,390,000	36,550,000	-	-	-	
SEWER LIFT STATIONS								
Airport Lift Station Bar Screen, pumps, and generator	\$625,000	BORROW			\$425,000	\$200,000		
Northwestern LS Check Valves, Electrical, Pumps, Piggng	\$300,000	BORROW		\$200,000	\$100,000			
Greenwood Hills LS Access, Check Valves	\$150,000	BORROW			\$150,000			
Evergreen Lift Station replace Forcemain	\$75,000	BORROW		\$75,000				
Crocker Street LS Rehab	\$300,000	OP FUNDS	\$300,000					
Cherry Street LS Forcemain	\$200,000	BORROW				\$200,000		
Cherry Street LS pumps, Valves, Generator	\$320,000	BORROW	\$320,000					
Stettin Dr LS Rehab	\$250,000	BORROW		\$250,000				
Packer Drive	\$100,000	BORROW						\$100,000
44th Ave LS	\$50,000	BORROW				\$50,000		
24th Ave LS	\$10,000	BORROW						\$10,000
Trails End LS Forcemain, Control Panel	\$175,000	BORROW		\$150,000	\$25,000			
Lift Station Cellular Communications	\$25,000	BORROW		\$25,000				
SCADA Upgrades	300,000	BORROW	100,000	100,000	100,000			
Lift Stn Ind Park (bar screen)	450,000	BORROW				450,000		
Lift Station Control Panel Upgrades	40,000	BORROW			40,000			
Industrial Park LS Parallel Force Main	1,700,000	BORROW	300,000					1,400,000
Backup Generator Upgrades	75,000	OP FUNDS	75,000					
Townline Lift Station	180,000	BORROW	0		180,000			
Subtotal	5,325,000		1,095,000	800,000	1,020,000	900,000	1,510,000	
OFFICE EQUIPMENT								
Office Computers/Software	30,000	BORROW			30,000			
Plant Computers/Software	60,000	BORROW			60,000			
Subtotal	90,000		-	-	90,000	-	-	
TRANSPORTATION/EQUIPMENT								
Loader	175,000	BORROW		175,000				
Jetter	650,000	BORROW	650,000					
Fork Lift	20,000	BORROW		20,000				
Slinger	175,000	BORROW				175,000		
Dump truck	164,000	BORROW			82,000		82,000	
TV truck	240,000	BORROW			240,000			
Rodder Truck	60,000	BORROW		60,000				
Subtotal	1,484,000		650,000	255,000	322,000	175,000	82,000	
Street Projects								
Kickbusch St (Bellis to 13th St)	200,000	BORROW	200,000					
Cedar Street, 7th Ave t 14th Ave	120,000	OP FUNDS	120,000					
Eau Claire Blvd, Grand to West Terminal	280,000	BORROW	280,000					
Emerson Street, Eau Calaire Blvd to Kent	30,000	OP FUNDS	30,000					
Mont View Blvd, Eau Claire Blvd to Kent	25,000	OP FUNDS	25,000					
Bertha St (Mary to Zimmerman)	240,000	OP FUNDS		240,000				
Ethel Street (Grand Ave - Zimmerman St)	360,000	OP FUNDS		360,000				
4th St (McClellan St - Scott St)	60,000	OP FUNDS		60,000				
7th Ave (Pardee St - Garfield Ave)	100,000	OP FUNDS			100,000			
Jackson St (RR tracks - 12th St)	180,000	OP FUNDS			180,000			
Stark St (5th St - 12th St)	250,000	OP FUNDS			250,000			
Bugbee Ave (Burek Ave - Tierney Rd)	100,000	OP FUNDS			100,000			
Henrietta St (Bellis St - 13th St)	190,000	OP FUNDS				190,000		
4th Ave (Bridge St - Knox St)	320,000	OP FUNDS				320,000		
Rosecrans (17th Ave - 22nd Ave)	160,000	OP FUNDS				160,000		

WAUSAU WATER WORKS - WASTEWATER DIVISION		DATE 07/02/2019					
2020-2024 CAPITAL PLAN							
IMPROVEMENTS/PROJECTS	COST EST	FUND SOURCE	2020	2021	2022	2023	2024
Fulton Street Extension	TBD	TID #3					
Future Street Projects	800,000	OP FUNDS					800,000
Subtotal	3,415,000		655,000	660,000	630,000	670,000	800,000
Proposed Developments/Extensions							
West Wausau (Timberline)	160,000	BORROW	160,000				
Subtotal	160,000		160,000	-	-	-	-
Sewer Collection System Projects							
Slipline Sewers (Cured in Place)	2,125,000	OP FUNDS	425,000	425,000	425,000	425,000	425,000
Forcemain Piggins and Cleaning	1,250,000	OP FUNDS	250,000	250,000	250,000	250,000	250,000
Interceptor Line H2S Rprs	1,500,000	OP FUNDS			500,000	500,000	500,000
Stewart Avenue Force Main	1,500,000	BORROW				1,500,000	
West St to River St 36" Sewer	700,000	BORROW			700,000		
River St to WWTF 36" Sewer	1,200,000	BORROW					1,200,000
River Crossings Construction	2,000,000	BORROW	2,000,000				
I&I Grouting and Repairs	300,000	OP FUNDS			100,000	100,000	100,000
Unanticipated Sewer Projects	2,500,000	BORROW	500,000	500,000	500,000	500,000	500,000
Subtotal	13,075,000		3,175,000	1,175,000	2,475,000	3,275,000	2,975,000
TOTAL PLANNED CAPITAL EXPENDITURES							
	98,489,000		44,125,000	39,440,000	4,537,000	5,020,000	5,367,000
TOTAL PLANT & COLLECTION ONLY							
			42,660,000	38,525,000	3,495,000	4,175,000	4,485,000
CUMULATIVE FULL UPGRADE							
			54,395,000	93,835,000	98,372,000	103,392,000	108,759,000
SEWER CIP FUNDING							
			2020	2021	2022	2023	2024
		OP FUNDS	\$1,225,000	\$1,335,000	\$1,905,000	\$1,945,000	\$2,075,000
		BORROW	\$42,900,000	\$38,105,000	\$2,632,000	\$3,075,000	\$3,292,000
		TOTAL	\$44,125,000	\$39,440,000	\$4,537,000	\$5,020,000	\$5,367,000