

CITY OF WAUSAU

Capital Improvement Program Planning 2021



Date 7-02-20

CAPITAL IMPROVEMENT PROGRAM 2021 REQUEST SUMMARY

7/6/2020

CAPITAL REQUESTS	Dept	PROJECT	Other Funds	Funding Description	CIP REQUEST
Crack Sealing All Pavements	Arprt	\$157,500	\$150,000	95% FAA funding	\$7,500
Grass Runway 9/27 Rehabilitation	Arprt	\$100,000			\$100,000
Design/Eng Terminal Upgrades & Hangar Door	Arprt	\$75,000	\$71,250	95% FAA funding	\$3,750
Financial/HR System Rplcmt (2 Yrs)	CCIT-Finance	\$500,000			\$500,000
Point of Sale Cashing System Rplcmt	CCIT-Finance	\$170,000			\$170,000
Council Chmber Video&room control upgrade	CCIT-Council	\$130,000			\$130,000
LiDAR & Ortho Imagery	DPW-GIS	\$140,975			\$140,975
DPW Shop/Truck Wash/Storage	DPW-Streets	\$325,000		3 yr proj 2021-2023 total \$14,407,905	\$325,000
Lighting LED Retrofit Dwtwn	DPW-Inspectns	\$75,000			\$75,000
Safety Building Boiler	FacMaint	\$45,000			\$45,000
City Hall - Concrete Repairs	FacMaint	\$50,000			\$50,000
Alerting System Upgrade	Fire	\$146,084			\$146,084
Station 1 Remodel (Continuation)	Fire	\$50,930			\$50,930
Automated CPR Devices	Fire	\$48,706			\$48,706
Service Truck Replacement	Transit	\$44,175	\$44,175	100% CARE Act Funds	\$0
Fare Collection System	Transit	\$592,375	\$592,375	100% CARE Act Funds	\$0
Barker Stewart Bridge Deck	Parks	\$23,700			\$23,700
Memorial Park Seawall	Parks	\$135,000			\$135,000
Operations Bldg Hoist Replacement	Parks	\$32,000			\$32,000
Playground Equipment	Parks	\$95,000			\$95,000
Rivers Edge Trail	Parks	\$15,000			\$15,000
Stewart Park Masonary Wall	Parks	\$20,000			\$20,000
Sylvan Hill Parking Lot	Parks	\$125,645			\$125,645
Tennis Court Replacement Yr1	Parks	\$50,000			\$50,000
					\$0
	Subttl Projects	\$3,147,090	\$857,800		\$2,289,290

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	\$3,321,299	\$3,321,299	Motor Pool Funding	\$0
Motor Pool Vehicle Leases	Motor Pool	\$240,597	\$240,597	Motor Pool Funding	\$0
Infrastructure Projects-2021	Infrastructure	\$3,974,300	\$925,000	Infrastrc Spcl Funding + Spcl Assmts	\$3,049,300
	Fleet & Infrstc	\$7,709,656	\$4,660,356		\$3,049,300

Total Funding Requests	\$10,856,746	\$5,518,156	\$5,338,590
------------------------	---------------------	--------------------	--------------------

Capital Plan:

Resources

General Property Tax Levy	560,000
CIP Debt Issue	2,500,000

Total Resources	\$3,060,000
------------------------	--------------------

Shortfall	(\$2,278,590)
------------------	----------------------

CITY OF WAUSAU

AIRPORT

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

CIP REQUESTS- CURRENT YEAR	Type	Project	Othr Funds	2021	2022	2023	2024	2025	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION										
1	Crack Sealing All Pavements	Facility	157,500	150,000	7,500				7,500	
2	Grass Runway 9/27 Rehabilitation	Facility	100,000	-	100,000				100,000	
3	Design/Eng Terminal Upgrades & Hangar Door Rplcm	Facility	75,000	71,250	3,750				3,750	
4									-	
5									-	
6									-	
				<u>\$ 332,500</u>	<u>\$ 221,250</u>	<u>\$ 111,250</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 111,250</u>

CIP FORECAST- FUTURE YEARS PLANNING	Type	Project	Othr Funds	2021	2022	2023	2024	2025	TOTAL		
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	Airport Terminal Building Upgrades	Facility	340,000	323,000	17,000				17,000		
2	Corporate Hangar #3 Door Replacement	Facility	165,000	156,750	8,250				8,250		
3	Part 77 Tree Trimming Rnwy Approaches	Facility	200,000	190,000		10,000			10,000		
4	East Hangar Development Area Phase II	Facility	1,000,000	950,000		50,000			50,000		
5	Concrete & Asphalt Apron Rehab/Reconstruction	Facility	750,000	712,500			37,500		37,500		
6	Parking Lot Expansion 125'X160' w-Solar Car Shelters	Facility	600,000	480,000			120,000		120,000		
7	Runway 5/23 Reconstruction/Re-Design	Facility	2,000,000	1,800,000			200,000		200,000		
8	Taxiway Pvmt Rehab/Signage-LED Lighting Retrofit	Facility	750,000	675,000				75,000	75,000		
9	Taxiway A Extension to End of Rnwy 13	Facility	500,000	450,000				50,000	50,000		
10	Rnwy 13/31 Reconstructn/ Signage-LED Lighting Retrol	Facility	2,773,000	2,634,350				138,650	138,650		
				<u>\$ 9,078,000</u>	<u>\$ 8,371,600</u>	<u>\$ -</u>	<u>\$ 25,250</u>	<u>\$ 60,000</u>	<u>\$ 357,500</u>	<u>\$ 263,650</u>	<u>\$ 706,400</u>

Wausau Downtown Airport 6-Year Plan Project Proposal 2021

Project	Year	Cost	Remarks	Additional Funding
Crack Sealing All Pavements	2021	\$150,000 Local: 5% State: 5% FAA: 90%	Last sealcoat & crack sealing projects completed in 2018/2019. This preserves pavements for rehab in 2024	Yes GA Entitlements
Grass Runway 9/27 Rehabilitation	2021	\$100,000	Irrigation system install & seeding	No Pursuing private donations
Design/Engineering of 2022 Airport Terminal Upgrade & Hangar Door Replacement	2021	\$75,000 Local: 5% State: 5% FAA: 90%	This project done so projects can be started/completed in 2022	Yes GA Entitlements
Airport Terminal Building Upgrades	2022	\$340,000 Local: 5% State: 5% FAA: 90%	It has been 21 years since the most recent major upgrade. Interior/exterior brick work, new windows/entry doors, improved curb appeal are necessary if the airport is expected to represent the City	Yes GA Entitlements
Corporate Hangar #3 Door Replacement	2022	\$165,000 Local: 5% State: 5% FAA: 90%	Last door repair done in 2012 was meant to give door another 3 years life. Schweiss retrofit may be less	Yes GA Entitlements
Part 77 Tree Trimming for Runway Approaches	2023	\$200,000 Local: 5% State: 5% FAA: 90%	A requirement for FAA funding is maintenance of Part 77 Airspace	Yes Apportionment Funding
East Hangar Development Area Phase II Install: sewer/water, utilities, taxiway installation east hangar road installation	2023	\$1,000,000 Local: 5% State: 5% FAA: 90%	Year depends on demand for private hangar construction	Yes Discretionary Funding
Concrete & Asphalt Apron Rehab/Reconstruction	2024	\$750,000 Local: 5% State: 5% FAA: 90%	Repairing cracks in concrete apron, rehab of asphalt apron, Reconfigure tiedown area	Yes GA Entitlement & Apportionment
Parking Lot Expansion 125'X160' (\$500,000) w/ solar panel car shelters	2024	\$600,000 Local: 5% State: 5% FAA: 90%	Increased use of the airport, East Hangar Development Area Growth & a need for overnight parking	Yes GA Entitlement & FAA Apportionment Fund

Runway 5/23 Reconstruction/Re-Design 5/23 Runway Lighting System/PAPI/	2024	\$2,000,000 Local: 5% State: 5% FAA: 90%	runway pavement rehab (not full depth) \$1,300,000 + \$700,000 for lighting	Yes FAA Discretionary Fund
Taxiway Pavement Rehab/Taxiway Signage-LED Lighting Retrofit	2025	\$750,000 Local: 5% State: 5% FAA: 90%	Needs rehab due to asphalt cracking, LED Lighting	Yes FAA Discretionary Fund
Taxiway A Extension to End of Runway 13	2025	\$500,000 Local: 5% State: 5% FAA: 90%	This has the potential of raising weather minimums	Yes FAA Discretionary Fund FAA Apportionment Fund
Runway 13/31 Reconstruction/Signage-LED Lighting Retrofit	2025	\$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 FAA Discretionary Fund FAA Apportionment Fund
Airport Snow Removal Vehicle Front End Loader or Tractor	2027	\$400,000 Local: 5% State: 5% FAA: 90%	As necessary	Yes GA Entitlements
Rotating Beacon Replacement	2027	\$100,000 Local: 5% State: 5% FAA: 90%	Current beacon is over 40 years old	Yes GA Entitlements
T-hangar 1-10 Removal	2028	\$100,000 Local: 5% State: 5% FAA: 90%	Removal of building to allow future hangar development	Yes GA Entitlements
Emergency Access/Perimeter Inspection Road	2029	\$2,000,000 Local: 5% State: 5% FAA: 90%	Starting river NE side of rwy 13 around to Radtke park 12,700' x 25 dual purpose access emergency access	Yes FAA Discretionary Fund

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title: Crack Sealing All Pavements	Plan Year: 2021
Classification: Replacement & Repair	Department: Airport
Priority: medium	Contact Name: John P. Chmiel
Useful Life: 5 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The asphalt pavements at the airport are deteriorating. A recent survey by the Wisconsin Bureau of Aeronautics stated that reconstruction of these pavements should be considered within the next 5 years. Performing this preventative maintenance on all the asphalt surfaces of the airport will extend the life of the pavements up to 5 years. There is extensive cracking on all surfaces. This project will buy us time to raise the funding necessary for pavement reconstruction in 5 years. Cost of pavement reconstruction is covered through a combination of local, state and federal funding of which only 5% is City responsibility.

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"/> 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 checked="" 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

Well maintained runways and taxiways are as important a safety requirement for aircraft as well maintained roads are for trucks, cars, and motorcycles. Multi million dollar aircraft use our airport on a daily basis to engage in commerce with our community. Many local companies use aircraft based at Wausau for business. The majority of air traffic using the Wausau Downtown airport use our airport to facilitate business and commerce with Wausau area businesses. Without good runways, these aircraft will not visit our community. The revenue generated by business travel at our airport through fuel flow is a major operating budget revenue source.

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.

Without well maintained runways, we don't have an airport. We are required by the FAA to maintain our runways and taxiways for a minimum of 20 years after we receive FAA funding. If we don't maintain them, we don't receive future funding. But the cool thing is the FAA helps us financially to maintain our pavements.

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

Deferring the project could cause the pavements at the airport to be reconstructed earlier than necessary. The City does not want to be forced into a position of funding a reconstruction project when FAA or State funding is unavailable. We are currently planning pavement reconstruction projects for the runways and taxiways in 2024/25. The Bureau of Aeronautics and FAA are aware of our plan.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Grass 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"/> 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 checked="" 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 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 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 annual largest 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 2021-2025

Project Title:	Design/Eng for Terminal/FBO Bldgs Upgrades & Hgr Door #3 Rplcmt	Plan Year:	2021
Classification:	Design/Engineering	Department:	Airport
Priority:	high	Contact Name:	John P. Chmiel
Useful Life:	30+ years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The terminal building was constructed in 1952 to serve as an airline terminal. It was last updated in 1998 to be used as the fixed based operations building for Wausau Flying Service. The building has good bones and there have been recent upgrades to the HVAC systems. This is the building that represents the City of Wausau to businesses and people visiting our area who use the airport. The building's curb appeal from both the parking lot and the apron does not represent the forward attitude of the City of Wausau. The storage building on the northside of the parking lot across from the terminal was given to the City by the FAA. It has never been painted. If the building was not owned by the City, I believe the inspections department would be talking to the owner regarding its exterior condition. Window replacement, entry door replacement, brick repair, carpet replacement, electrical upgrades will all be part of the project. This is an almost 70 year old building that saw it's last upgrade 25 years ago. **Corporate Hangar #3 Door** 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 and the original designer and builder of the door is out of business. Corporate door #3 was the last door they produced before bankruptcy. We expect to replace hangar #3 with the same Schweiss Door system used on hangar #4 with great success. Cost of the replacement door in 2015 was \$250,000. Becher Hoppe will be engineering the terminal upgrades and door replacement as decided by the airport committee and the WI BOA as the FAA's representative whenever FAA funding is used. Getting the design done in 2021 let's us get the work done in 2022.

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

Design 2021; Bids spring 2022; Implementation Summer 2022; Completion by October 2022

PROJECT PURPOSES: (Check all statements that apply)

<input checked="" 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 checked="" 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

Upgrades will include: removal of the wooden "lean to" shed on the east side, brick repairs, aesthetic upgrades to improve the parking lot curb appeal, new carpet in the offices and conference room, lobby redesign, window replacement, entry replacements, and installation of a stairway to improve rooftop access. The northside storage building exterior siding and roof will be cleaned and painted with two coats of paint matching the color scheme of the corporate hangars on the airport. Corporate hangar door #3 will get an entire new actuating system.

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.

Many of the companies that consider Wausau as a future location use the airport. The City of Wausau only gets one chance to make the first impression. The majority of the operations that occur at the airport are business related. Local companies either use the airport directly or use the airport to facilitate business abroad, or they use the airport to give customers easy access to their location in Wausau. The longer this project is delayed, the more business opportunities that could be missed.

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

Recent discussions with Becher Hoppe and the Wisconsin Bureau of Aeronautics revealed FAA funding for upgrades and maintenance would be available for both engineering and design as well as the cost of upgrade construction project in 2022. A call last week from the BOA asked if we are moving forward with design in 2021 since funding is available from FAA.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title: Terminal/FBO Buildings Upgrades	Plan Year: 2022
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

The terminal building was constructed in 1952 to serve as an airline terminal. It was last updated in 1998 to be used as the fixed based operations building for Wausau Flying Service. The building has good bones and there have been recent upgrades to the HVAC systems. This is the building that represents the City of Wausau to businesses and people visiting our area who use the airport. The building's curb appeal does not represent the forward attitude of the City of Wausau. The storage building on the northside of the parking lot across from the terminal was given to the City by the FAA. It has never been painted. If the building was not owned by the City, I believe the inspections department would be talking to the owner regarding its exterior condition.

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

Design 2021; Bids January 2022; Implementation April 2022; Completion by October 2022

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 checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input checked="" 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 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

Upgrades will include: removal of the wooden "lean to" shed on the east side, brick repairs, aesthetic upgrades to improve the parking lot curb appeal, new carpet in the offices and conference room, lobby redesign, window replacement, entry replacements, and installation of a stairway to improve rooftop access. The northside storage building exterior siding and roof will be cleaned and painted with two coats of paint matching the color scheme of the corporate hangars on the 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.

Many of the companies that consider Wausau as a future location use the airport. The City of Wausau only gets one chance to make the first impression. The majority of the operations that occur at the airport are business related. Local companies either use the airport directly or use the airport to facilitate business abroad, or they use the airport to give customers easy access to their location in Wausau. The longer this project is delayed, the more business opportunities that could be missed.

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

Recent discussions with the Bureau of Aeronautics revealed FAA funding for upgrades and maintenance would be available at 95%. This is the construction project that will complete the design work completed in 2021 by Becher Hoppe with FAA funding.

CITY OF WAUSAU

Capital Improvement Program Request 2020-2024

Project Title: Corporate Hangar #3 Door Replacement	Plan Year: 2022
Classification: Replacement & Repair	Department: Airport
Priority: high	Contact Name: John P. Chmiel
Useful Life: 30 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Corporate hangar #3 that we open to remove & replace aircraft daily requires replacement. The door is 80 feet wide and opens to a height of nearly 30 feet. A similar door fabricated by the same manufacturer was replaced on Hangar #4 with an insurance claim the winter of 2014. We expect to replace hangar #3 with the same Schweiss Door system. A new door is warranted by Schweiss.

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

This project is eligible for FAA funding, Becher Hoppe will likely be the selected as the consultant for the project. They can begin architectural design in 2021 if approved. Bids in January 2022. 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 hangar is at 100% occupancy. It shelters (4) aircraft valued in the millions of dollars. 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 or they need to be custom fabricated. This is a steel bi-fold door operated by a cable & pulley system and the door was 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. Corporate hangar #3 shelters the aircraft that generate the highest amount of revenue for the airport and Wausau Flying Service through fuel flow and hangar rental. The last time a corporate hangar door broke and required maintenance, it took over a month to complete the repairs. During this period the City will not be able to charge rent and the aircraft will be trapped either inside or outside the building which could prevent them from flowing fuel because they are trapped or have been temporarily forced to relocate to a different 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.

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 any day and require total replacement immediately. Mark Hanson and I agree that this door should be replaced within 3 years. The FAA funding is available now.

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 available at 95%. 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. During this period of time the City would not be able to collect rent and fuel flow revenue at the airport will be dramatically reduced.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title: Part 77 Tree Trimming for Runway Approaches	Plan Year: 2023
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 the airport to 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. The FAA requires that Part 77 airspace is maintained by the airport before any other CIP projects can be funded.

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

This project is 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 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 reason the runway approaches are maintained is for the safety of 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 2021-2025

Project Title:	East Hangar Development Area - Phase II	Plan Year:	2023
Classification:	Design/Construction	Department:	Airport
Priority:	medium	Contact Name:	John P. Chmiel
Useful Life:	30 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The airport layout plan approved by the FAA shows the construction of a taxiway from phase one EHDA (east hangar development) to runway 5/23. By the end of 2022 there will be (7) privately constructed hangars in the phase I area created in 2018. Depending on size there are approximately 3 spaces in the phase I area left available for development. Private hangar construction on leased airport land is a major source of income for the airport/City. It is the ONLY WAY the City has to close the gap between operating budget revenues and expenditures at the airport. It's the airport management's goal to have revenues exceed expenditures. A unique characteristic of the Wausau airport is the location of adjacent private properties. The airport committee has investigated an "airport access agreement" which would allow adjacent property owners to gain access to airport property directly to their hangar when they execute a land lease and construct a hangar on airport property. Airport access agreements could also be executed for a fee with neighborhood aircraft owners who built hangars in the east hangar development area but did not have property adjacent to airport property. This opportunity would be unique in the state to the Wausau Airport and could allow pilots who bought homes in this neighborhood easy access to their aircraft. This will have a positive impact on property values adjacent to the airport. The project includes extension and installation of utilities to serve hangars, an access road, taxiway, and possibly another vehicle security gate.

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"/> Serves to eliminate Blight
<input checked="" 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 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 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 taxiway construction will allow development of the airport for privately constructed hangars even further to the east. Without this expansion, private hangar development will be halted. The revenue created by private hangar construction will reduce and possibly eliminate the tax levy for the airport operating budget. By the time this project is completed in 2023, if the economy holds, the phase I area in EHDA should be 100% full. Hangar development is why the East Hangar Development Area was created. If enough private hangars are constructed on the airport, our goal is to put the airport operating budget in the black. Concern over whether hangar construction in this area will interfere with the balloon rally area is unwarranted. There is plenty of space on airport property to move the balloon rally staging area to the south.

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.

Deferring this project could prevent private hangars from being constructed.

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 majority of this project will be paid for using discretionary funding from the FAA. The City will be responsible for between 5%-20% of the funding. Costs associated with utility installation will be paid back through a hook up fee from hangar builders.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Concrete & Asphalt Apron Rehab/Reconstruction	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

The concrete apron was constructed in 1952. It would cost \$1.2M to replace. The concrete in this area is re-enforced and it is very thick to accommodate very heavy large aircraft. We can preserve it by maintaining the cracks. The asphalt apron is the pavement on the airport in most need of replacement. It is well over 40 years old. The project will repair cracking in the concrete and replace the asphalt apron and at the sametime reconfigure the overnight aircraft tiedown area to east-west. The old tiedown area is far away from the current FBO facility.

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 2022 Bids: May 2022 Implement: June 2022 Completion: July 2022

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 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

Crack sealing will extend the life of the concrete apron. If allowed to continue, larger cracks could cause heaving of the pavement making it unsafe enough to be unusable to aircraft. Having any unusable portion of the apron could be disastrous to the smooth daily operation of the 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.

Delay of this project will eventually mean the cost of total reconstruction of the concrete ramp at a minimum. This will be in excess of \$1.2M. Even with FAA and State contributions, this will be a costly project. The concrete apron is not your average concrete. It is thick and reinforced so replacement will be very costly. The impact in loss of revenue to the City and FBO due to operational disruptions for total reconstruction would also be great.

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 apron crack seal would be 95% FAA/State with 5% local since the project is eligible.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title: Parking Lot Expansion & Solar Panel Car Shelter	Plan Year: 2024
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 125' X 160' (20,000 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.

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 2024, project completed by November 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 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 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

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. In the past park users were able to use both sides of Pied Piper, now they can only use the east side of the street. This parking lot would make it easier and safer to park near the park. It will increase public safety and provide more parking for the park.

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 2021-2025

Project Title:	05/23 Runway Reconstruction Signage/PAPI/LED Light Upgrade	Plan Year:	2024
Classification:	design/engineering/demolition/construction	Department:	Airport
Priority:	high	Contact Name:	John P. Chmiel
Useful Life:	30+ years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Runway 5/23 was last reconstructed in 1991. Infrastructure projects are high priority for the FAA right now. Funding is available for the most expensive project an airport can have. Pavement analysis by the BOA indicates this runway needs to be reconstructed. The current lighting system at the airport is incandescent lighting. We would like to replace this with LED lighting. LED taxiway lights are now approved for runways. The current airport signage required by the FAA is not up to FAA standards. This lighted signage is similar to the signage you need on the road. It tells pilots where they are and where they need to go during night operations and inclement weather. At night the rising terrain to the northeast is dangerous and the water on the approach from the southwest can create a "black hole" visual illusion. Addition of PAPI (precision approach path indicator) would make landing and taking off at night much safer since the pilot will now have a visual indicator to rely upon to aid with avoiding terrain.

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

Design and engineering January 2024. Bid process late 2024. Construction 2025

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 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 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 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

Without runways we don't have an airport. 5/23 is the runway in most need of rehab. LED lighting should provide a substantial operating cost savings. I consider LED lighting at the airport to be a "green" project for the 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.

Not approving the project will cause the City to continue to incur higher utility operating costs. This is our secondary runway, but it is necessary during certain wind conditions and makes Wausau Airport a more viable and reliable destination for aircraft.

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

FAA discretionary funding is available for this project because infrastructure projects are currently a high priority. It is usually on an 80/20 basis and possibly 90/10. Savings on utilities could help pay for the project over time.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title: Taxiway Rehab Signage & Light LED Retrofit	Plan Year: 2025
Classification: design/engineering/demolition/construction	Department: Airport
Priority: medium	Contact Name: John P. Chmiel
Useful Life: 30+ years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The taxiways are the 2nd worst asphalt surfaces at the airport. The FAA has currently set infrastructure as a high priority. All pavements reach this criteria. The current lighting system at the airport is incandescent lighting. We will replace this with LED lighting. The current airport signage required by the FAA is not up to FAA standards. This lighted signage is similar to the signage you need on the road. It tells pilots where they are and where they need to go during night operations and inclement weather.

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

x

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 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 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 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

We need to pursue federal funding while it is available. That is why this project was moved ahead in our CIP calendar. LED lighting should provide a substantial operating cost savings. I consider LED lighting at the airport to be a "green" project for the 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.

If we wait too long, federal funding may not be available when we really need it. Not approving the project will cause the City to continue to incur higher utility operating 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

If federal funding is available for this project it is usually on an 80/20 basis and possibly 90/10. Airport management and the electrical department are currently investigating whether WPS credits or financial assistance may be available for this project. Savings on utilities could help pay for the project over time.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title: Taxiway A Extension to End of Runway 13	Plan Year: 2025
Classification: design/engineering/construction	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 Standards have changed regarding LPV instrument approaches into airports. Current standards require taxiways to enter the runway adjacent to the end of the runway. Our current taxiway enters the runway 400 feet from the end of the runway. This project will require construction of a taxiway extension and "elbow" entry to the runway. Extension of the taxiway lighting system and signage install will be necessary to conform with FAA standards.

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

x

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 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 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 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

If the FAA were to enforce their standard before this is completed, the instrument approach minimums can be increased for this runway. This would adversely affect traffic in/out of Wausau when the weather is inclement. This is especially critical for the business aircraft that use the Wausau Downtown Airport. Consistency is the key for them using the airport and if the weather minimums are increased they will be forced to use a different airport. Business aircraft at Wausau are what provide the revenue to pay the bills.

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

If federal funding is available for this project it is usually on an 80/20 basis and possibly 90/10. This project is considered infrastructure by the FAA and the current likelihood for such projects is good.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	13/31 Runway Reconstruction Signage/LED Light Upgrade	Plan Year:	2025
Classification:	design/engineering/demolition/construction	Department:	Airport
Priority:	high	Contact Name:	John P. Chmiel
Useful Life:	30+ years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Runway 13/31 was last reconstructed in the 1980's. Infrastructure projects are high priority for the FAA right now. Funding is available for the most expensive project an airport can have. Pavement analysis by the BOA indicates this runway needs to be reconstructed within the next 8 years. The current lighting system at the airport is incandescent lighting. We would like to replace this with LED lighting. LED taxiway lights are now approved for runways. The current airport signage required by the FAA is not up to FAA standards. This lighted signage is similar to the signage you need on the road. It tells pilots where they are and where they need to go during night operations and incimate weather.

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

x

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 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 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 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

LED lighting should provide a substantial operating cost savings. I consider LED lighting at the airport to be a "green" project for the airport. Runway signage upgrades will comply with FAA requirements and enhance safety.

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.

We need to take advantage of FAA funding while it is available. We moved this project up to take advantage of this opportunity. Not approving the project will cause the City to continue to incur higher utility operating 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

If federal funding is available for this project it is usually on an 80/20 basis and possibly 90/10. Savings on utilities could help pay for the project over time.

CITY OF WAUSAU

CCIT

CITY OF WAUSAU
2021 CAPITAL IMPROVEMENT PLAN SCORING MATRIX
CCITC

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE		
	0 points	1-5 points	6-10 points	FI-HR Mngmt	POS	Cncl Video &
				Sftwr	Application	Rm Cntrls
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	8	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	0	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.	5	0	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	8	8
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	10	6
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.	10	6	6
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	7
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	10	3
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
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	7	7
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.	9	9	9
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.	7	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	8	8
TOTALS				79	78	76

2020 Capital for Technology Purchases

Project	Department	Description	Cost Estimate	Funding Source
1 Financial System Replacement and human resource software	Finance	Cayenta has been in use for over 24 years. The vendor gets less and less responsive to fixing problems. The software is buggy and they do a terrible job of testing it. The HR module is very limited and that keeps us from getting more efficient.	\$500,000	\$500,000 would be needed over fiscal years 2021 and 2022. NOTE: this is the second year that this was submitted.
2 Active Network Replacement	City	Point of Sale Cashiering software. This system integrates to other applications and it allows customer service staff to more quickly take payments. Vendor is not supporting this system any longer and we need to develop a new solution	\$170,000	
3 Council Chambers room controls, video and voting	City Council	This system is about 20 years old. We don't have the source code for the programming on the room controls. I'm not sure if it was lost or never delivered. The video system is not integrated into Webex and the cameras are not programmable. The voting system is homegrown with ancient software and custom wiring.	\$130,000	
Recurring Non-CIP requests				
PC Replacement	ALL	Replace PCs and laptops at a rate that maintains about a 4 year age	\$60,000	Central Capital Purchasing Fund
Server/Network Small Capital	ALL	Replace broken servers, hard drives and network devices	\$58,000	Central Capital Purchasing Fund
Video and Phone Small Capital Projects	ALL	Small capital replacement and add phones to Metro Ride HQ. Replace cameras and add storage drives	\$40,000	Central Capital Purchasing Fund (\$20,000) Parking Ramp Fund - Capital (\$20,000)

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	New Financial/HR Management Solution	Plan Year:	2021
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 2021, Vendor Selection Summer 2021, Anticipated Completion Date November 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 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. No integration to outside payroll options. No other HR modules such as onboarding, performance management, learning mangement, etc
- 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 similiar 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 2021-2025

Project Title:	Point of Sale Application (Replacement of Active Network POS)	Plan Year:	2021
Classification:	Software Application Purchase and Implementation	Department:	CCIT
Priority:	High	Contact Name:	Gerry Klein
Useful Life:	10		

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 over 5 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 change. 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.

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

Release RFP 1st Qtr. 2021, Vendor Selection and Implementation 2nd Qtr. 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 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

The current Point of Sale application, Class, is having declining vendor support. - Per vendor documentation, the application is not tested by the vendor on a supported SQL server version. The recommended 2008 R2 SQL server had an end of life in 2019.

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 delayed, we will continue to maintain the software using in-house personnel. At some point the Class software will no longer interface correctly with credit cards and no longer be PCI compliant.

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

Moving to a new vendor we will look for more automation and improve current processes.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Council Chambers Video and room control upgrade	Plan Year:	2021
Classification:	hardware and software	Department:	Information Technology (City-County IT)
Priority:	Medium	Contact Name:	Gerard Klein
Useful Life:	6-10 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

We would add a big TV behind the mayor and two medium sized TVs for the audience. Add a Video controller (such as a Cisco C60). Replace the microphones and the Crestron room control. Integrate the Crestron with the Cisco Video gear so meetings can start and end video calls with the push of a button on the Crestron Touchpad instead of the Extra PC running Webex like we are using now. The feed from whatever is being presented (such as a Powerpoint) would be electronically fed to the Public Access TV production.

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

3 months. Sometime 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 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

The room controls in the room are at least 15 years old. It does not support modern solutions for video production and live video feeds. The voting system controls are custom wired. In 2019 we invested about \$15,000 in new cameras and new video production gear which we would keep and integrate. The current method to show Powerpoints is to point a camera at the overhead projector which results in poor image quality.

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 equipment is well past it's expected lifespan. It could breakdown at any time.

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

Improved access for the public to listen and view meetings.

CITY OF WAUSAU

**DEPARTMENT OF
PUBLIC WORKS**

**CITY OF WAUSAU
DEPT PUBLIC WORKS
LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	LiDAR & Ortho Imagery	GIS	140,975		MapData	124,600	16,375			140,975	
2	DPW Shop/Truck Wash/Storage- yr 1 (Proj Ttl \$14,407,905)	Streets	325,000		Facility	325,000				325,000	
3	Lighting - LED Retorfit	Inspections	75,000		Equip	75,000				75,000	
4										-	
5										-	
6										-	
			<u>\$ 540,975</u>	<u>\$ -</u>		<u>\$ 524,600</u>	<u>\$ 16,375</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 540,975</u>

CIP FORECAST- FUTURE YEARS	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	DPW Shop/Truck Wash/Storg-yr 2&3 (Proj Ttl \$14,407,905)	Streets	14,082,905		Facility		7,420,111	6,662,794		14,082,905	
2										-	
3										-	
4										-	
5										-	
6										-	
			<u>\$ 14,082,905</u>	<u>\$ -</u>		<u>\$ -</u>	<u>\$ 7,420,111</u>	<u>\$ 6,662,794</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 14,082,905</u>

CITY OF WAUSAU

**DPW-ENGINEERING/
GIS MAPPING**

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	GIS Ortho-Imagery & LiDAR	Plan Year:	2021
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 2021 (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 its 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. 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.

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. **This has been a phased project which began in 2019, 2021 will be the heaviest cost burden for the city and the images are expected to be online late summer.**

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

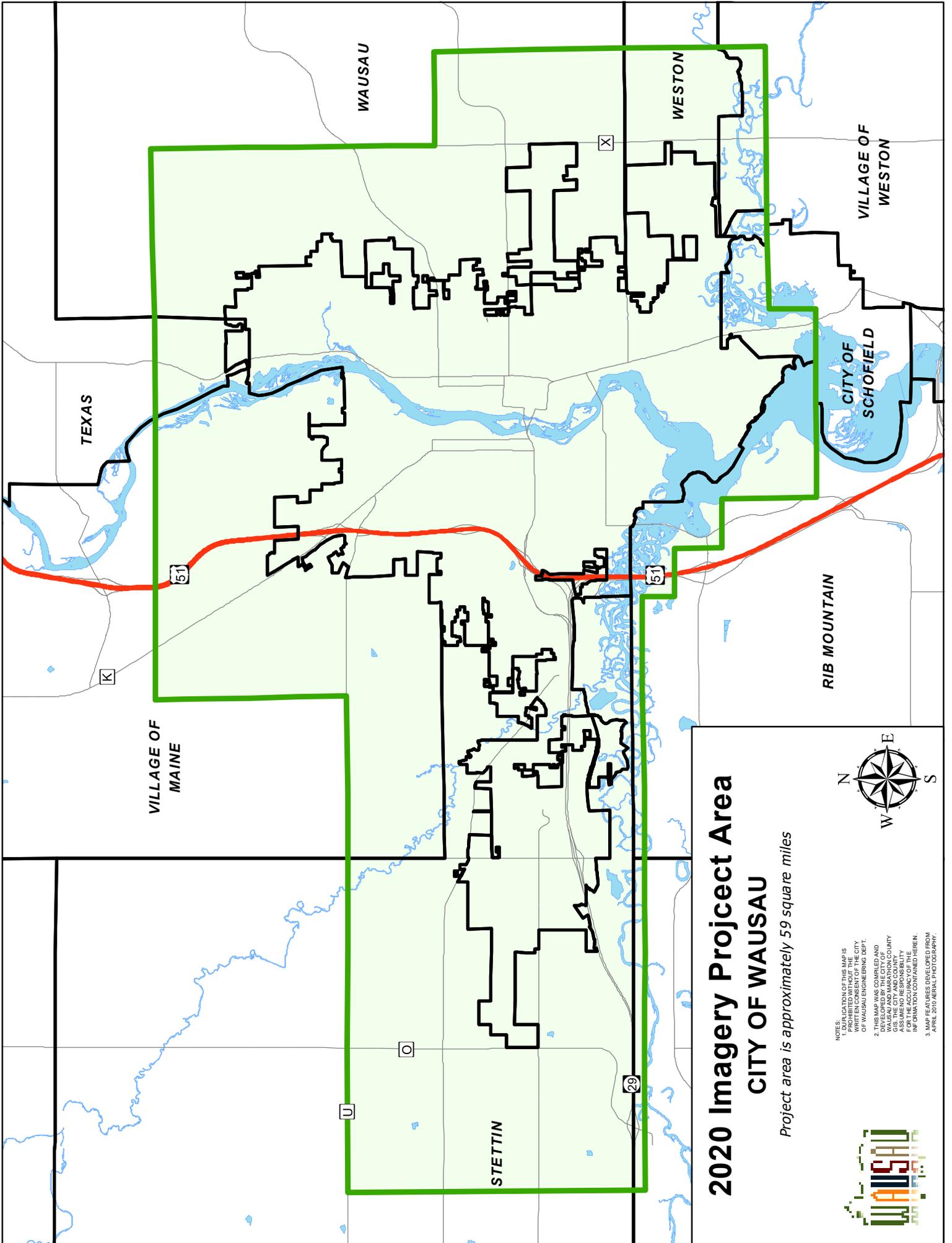
Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Without 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.



2020 Imagery Project Area

CITY OF WAUSAU

Project area is approximately 59 square miles



- NOTES:
1. NO DUPLICATION OF THIS MAP IS PROHIBITED WITHOUT THE PERMISSION OF WAUSAU ENGINEERS, DEPT.
 2. THIS MAP WAS GENERATED AND DEVELOPED BY THE CITY OF WAUSAU AND MARATHON COUNTY. WE ASSUME NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN.
 3. MAP FEATURES DEVELOPED FROM APRIL 2020 AERIAL PHOTOGRAPHY.



CITY OF WAUSAU

**DPW-STREET
MAINTENANCE**

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	A&E Design & Construction For a New Shop/Vehicle Storage	Plan Year:	2021-2023
Classification:	Design & Construction	Department:	Public Works
Priority:	Critical	Contact Name:	Eric Lindman
Useful Life:	50+ Years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Hire engineering design firm to plan and design a new mechanic shop with truck wash and heavy equipment vehicle storage facility. The City has had a contract with Barrientos Design & Consulting who has been preparing our planning documents and layout needs for the new facility. The City would propose to continue moving ahead with their services for design as they specialize in these types of facilities.

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

Staff would enter into a contract with Barrientos to finalize the layout and needs for the new facilities. Barrientos would prepare final design plans, specifications and bid schedules for bidding the project in 2022.

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 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 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

Existing facility has out lived it current life. The existing vehicle repair shop was built in 1952, modifications were made over the years to accommodate some of the new larger equipment but the facility is not adequate for working on many pieces of our existing fleet. Setting large equipment in the repair bays often creates safety hazards, and trip hazards. Safety concerns are; inadequate ventilation, need for employees to do unnecessary bending/kneeling due to inadequate cranes and lifts. There are very significant concerns with potential workman comp claims over time as the shop does not meet todays standards for working on our existing fleet.

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.

We are already seeing significant issues with servicing the city wide fleet. We do not have enough bays to rotate in vehicles, if we have a vehicle torn apart and waiting on parts then this bay is unusable for the next few days. Deferred maintenance has been an issue and it continues to become more prevalent. We have begun contracting out for service just because we do not have adequate space and the contracting is becoming very expensive and having budget impacts. This will continue without a new 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

A modern shop will inherently create many efficiencies and mitigate safety issues. Mechanics will have the ability to work on vehicles at appropriate heights, will allow adequate space for maintenance, each bay will be equipped with its own vehicle fluids and kiosks for diagnostics which will prevent wasted time dragging hoses and cleaning up spills. We expect more work to be completed in house which will reduce our contract expenses and we can keep up with the fleet city wide. We will have space to address emergent issues with PD/FD vehicles as well as our own heavy equipment during snow emergencies when they come in rather than sending them to a private vendor.



CITY OF WAUSAU

Department of Public Works

Conceptual Design Package- Phase 1 & 2

JUNE 2020

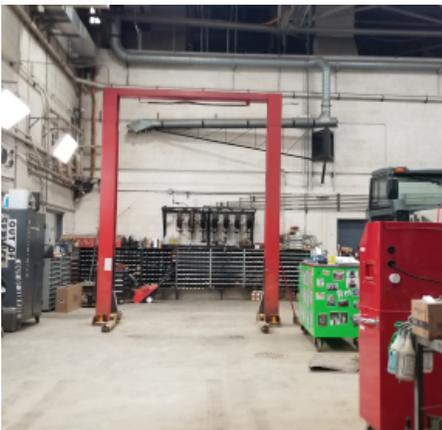


TABLE OF CONTENTS

PHASE SUMMARIES	
EXISTING SITE PLAN	
SITE PLAN – PHASE 1	
SITE PLAN – PHASE 2	
SITE PLAN – PHASE 3	
COST ESTIMATE SUMMARY	
FIRST FLOOR PLAN – REPAIR GARAGE & PARTS STORAGE	
CONSTRUCTION PLAN – PHASE 1	
COST ESTIMATE – PHASE 1	
FIRST FLOOR PLAN – VEHICLE PARKING & TRUCK WASH	
CONSTRUCTION PLAN – PHASE 2	
COST ESTTIMATE – PHASE 2	

PHASE 1 & 2 SUMMARY

INTRODUCTION

The purpose of this planning exercise is to develop cost estimates for a Phase 1 and Phase 2 of a three phase construction approach to take place over three years (2021-2023).

PHASE 1

The first phase, planned for 2021, is a new Repair Garage and Parts Storage building, Truck Wash, and Salt Brine lean-to. This phase requires purchase of the Wausau Engines property and demolition of the existing building. During this phase the existing main shop remains operational. The Repair Garage is 33' west of the existing main shop and 86' south of the property line off Myron St. where 3 new curb cuts are added. A 4' retaining wall is needed to build the site up above the flood plain. There are 5 pull-through lanes and 1 pull-in lane with a total of 10 repair bays and 1 welding bay. There are two 10-ton overhead cranes that service the repair bays and welding bay. The welding bay is located in the NW corner of the building where it can be sectioned off with a curtain to allow for ventilation treatment that differs from the repair bays. Parts storage can be conveniently accessed next to the repair bays and there is a 2,078 SF Mezzanine above offices and storage.

Also included in the first phase is a stand-alone Truck Wash. The Truck Wash is 104' south of the Repair Garage. To create a drive lane the two smaller storage buildings are demolished and Building #1 is moved farther south.

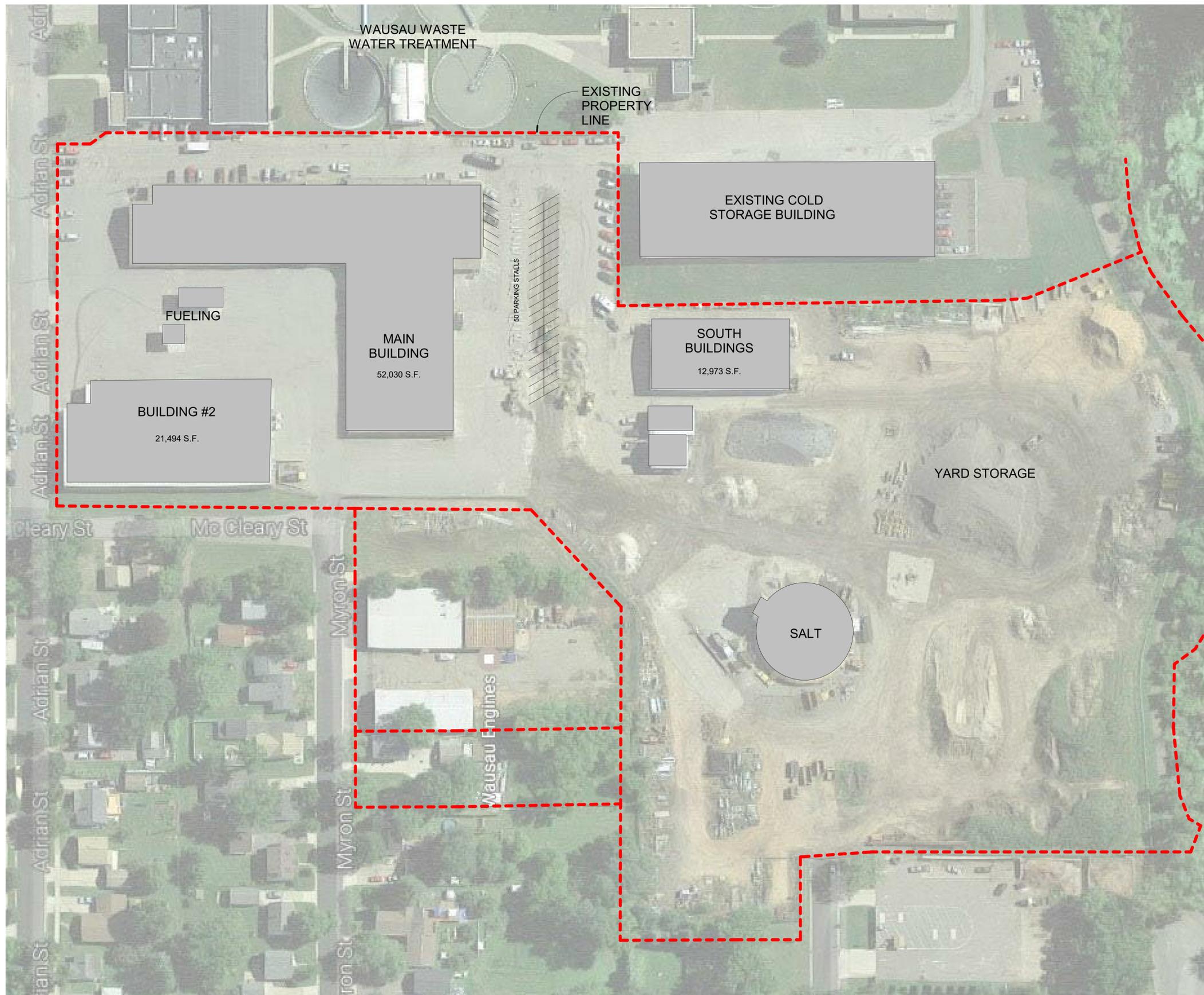
A 1,430 SF Salt Brine lean-to is added on to the existing salt dome. The area around the salt dome is re-paved with the addition of the Salt Brine lean-to.

Estimated Cost: \$7,420,111

PHASE 2

The second phase, planned for 2022, is a new vehicle storage garage to be constructed south of the Phase 1 Repair Garage. This phase requires relocation of some existing parking. New asphalt overlaps the property line of Wausau Waste Water Treatment to allow for the drive aisle out of the parking garage, as well as parking along the existing cold storage. A 2' retaining wall is needed to the west of the cold storage.

Estimated Cost: \$6,662,764

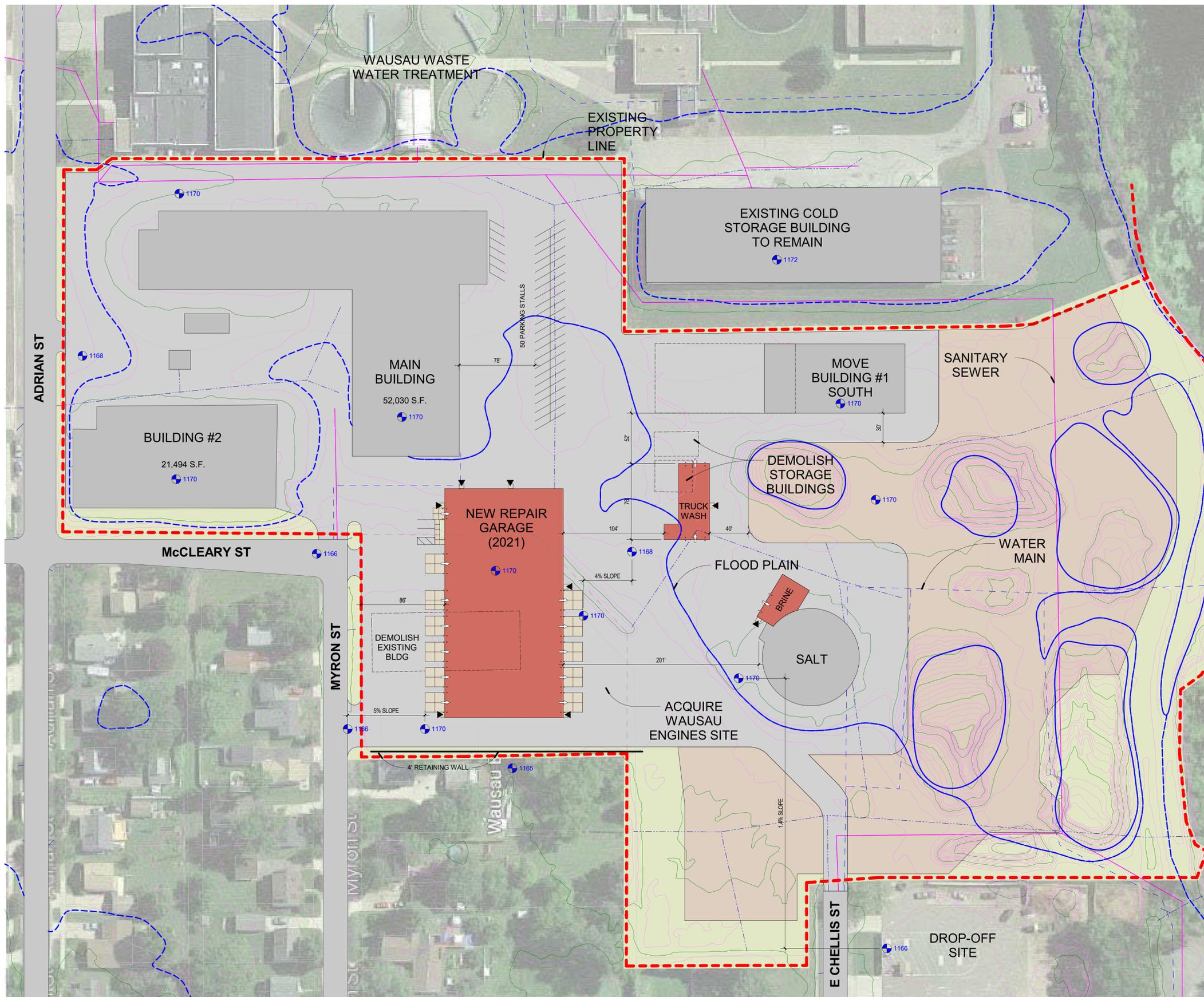


Wausau City DPW Garage Study Phase Development

5/7/20



1 EXISTING SITE PLAN
1" = 50'-0"

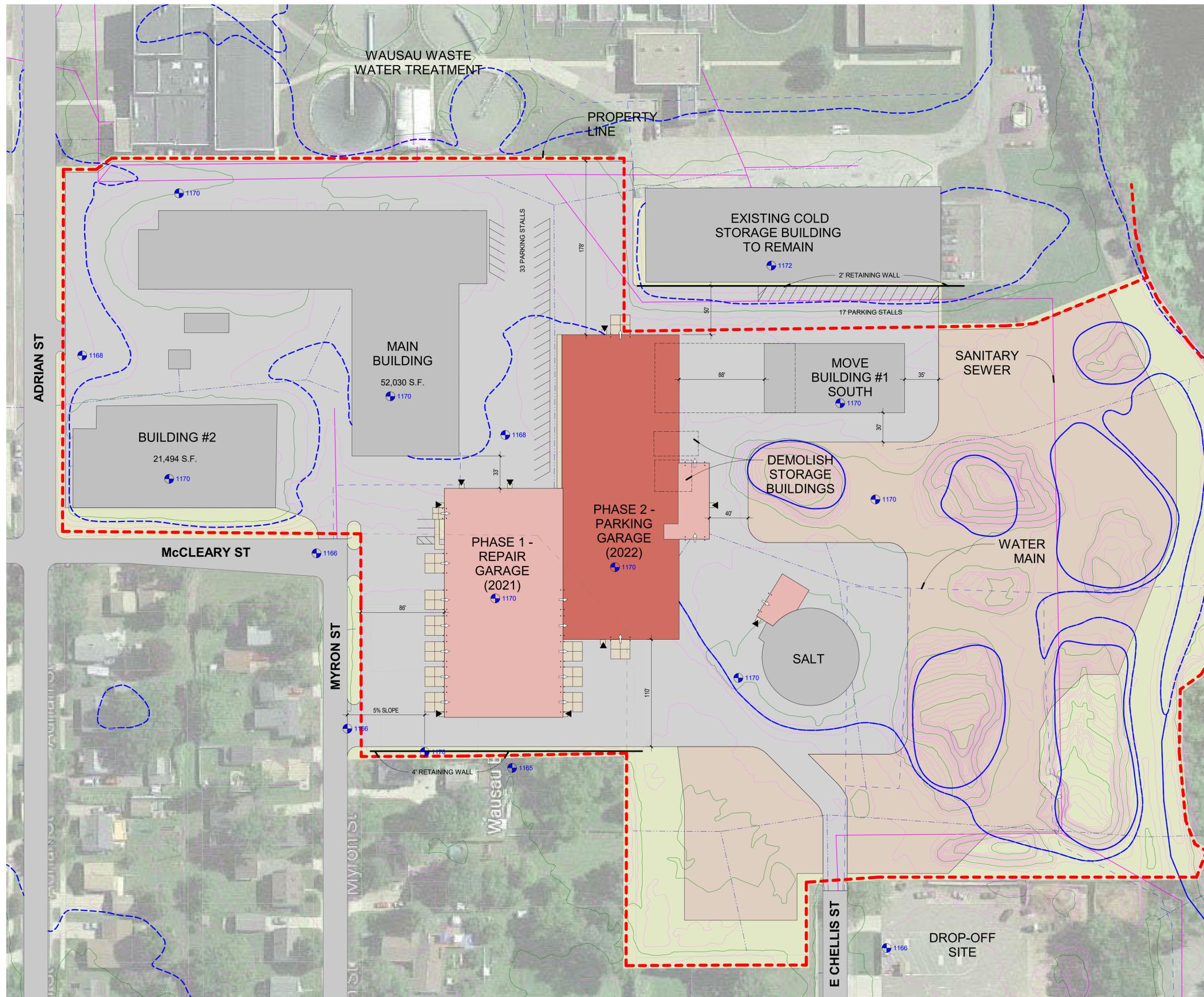


Wausau City DPW Garage Study Phase Development

5/7/20



1 SITE PLAN - PHASE 1
1" = 50'-0"



Wausau City DPW Garage Study Phase Development

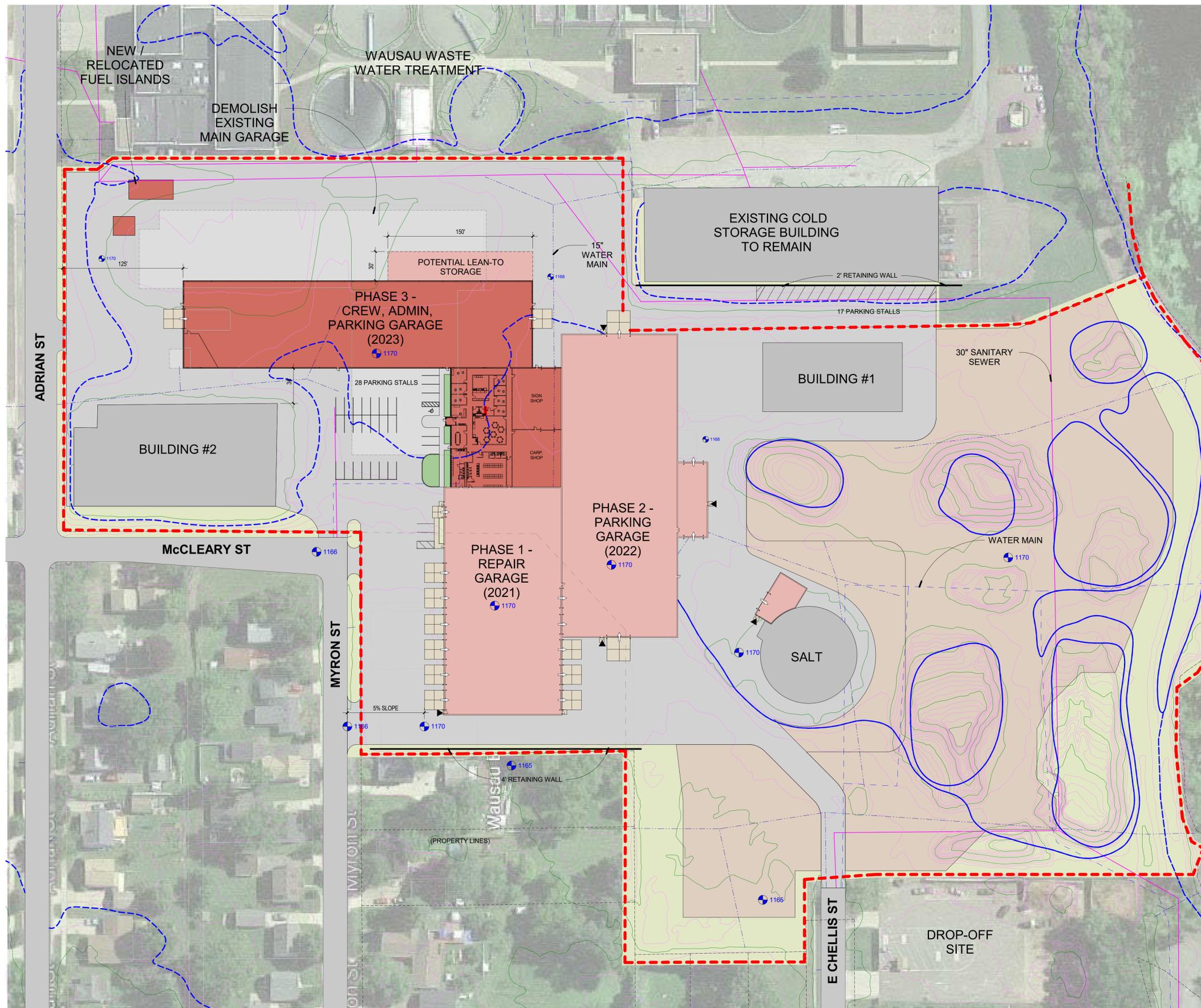
5/7/20



1 SITE PLAN - PHASE 2
1" = 50'-0"



BARRIENTOS
design & consulting



Wausau City DPW Garage Study Phase Development

5/7/20



1 SITE PLAN - PHASE 3
1" = 50'-0"





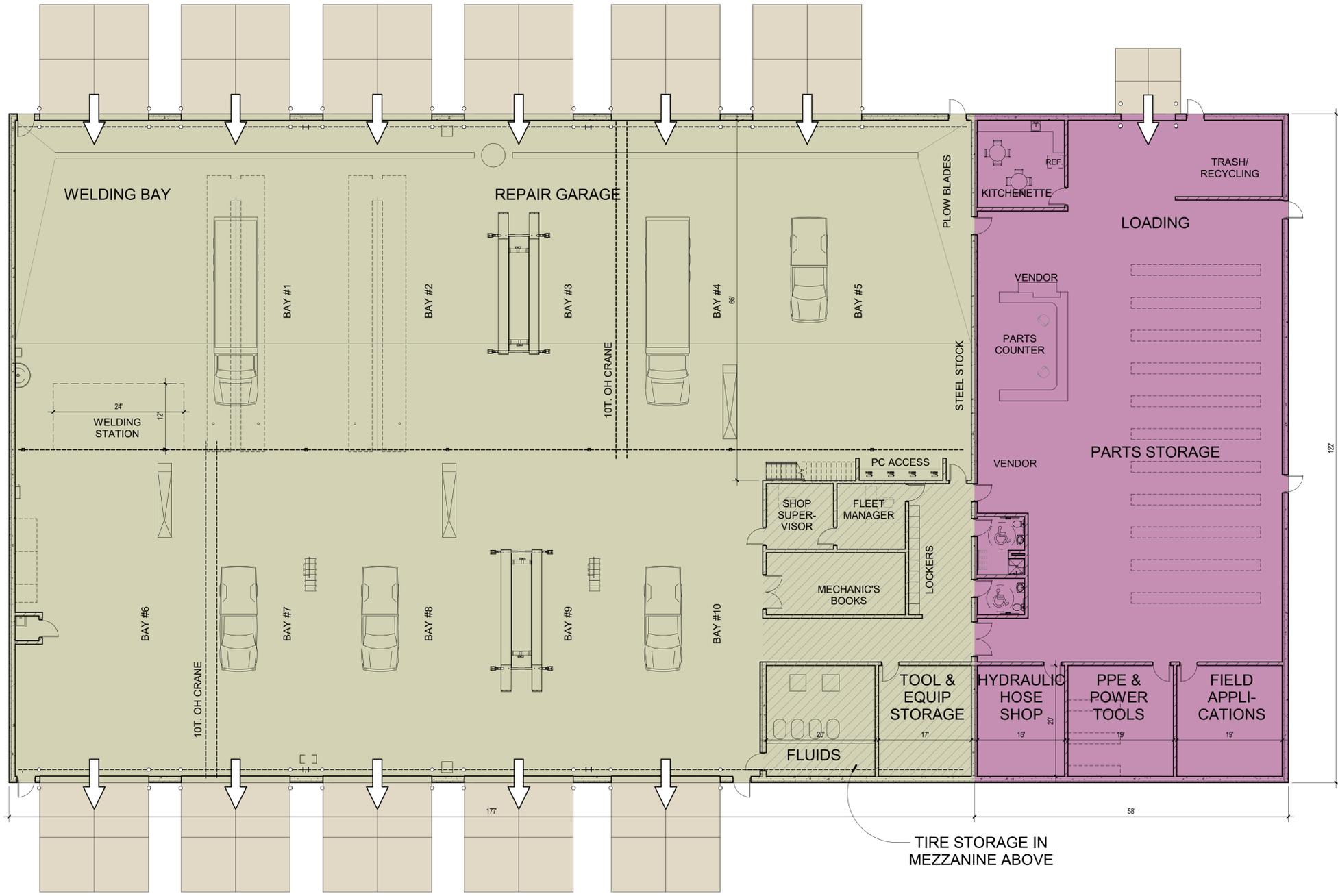
Construction Cost Estimate
Summary of Phase 1 and Phase 2

City of Wausau DPW
June 3, 2020

(In 2020 Dollars)

	SF/Quantity		Total
Phase 1			
New Construction in 2021	34,945	\$	7,420,111
Phase 2			
New Construction in 2022	37,568	\$	6,662,794
	72,513	Total \$	14,082,905

Estimates are in 2020 dollars and do not account for inflation.



S.F.	SPACE
21,700	REPAIR GARAGE
7,057	PARTS STORAGE
2,078	MEZZANINE
2,680	TRUCK WASH
1,430	BRINE

PHASE 1 TOTAL: 34,945

37,568	VEHICLE PARKING
--------	-----------------

PHASE 2 TOTAL: 37,568

Wausau City DPW Garage Study Phase Development

5/7/20



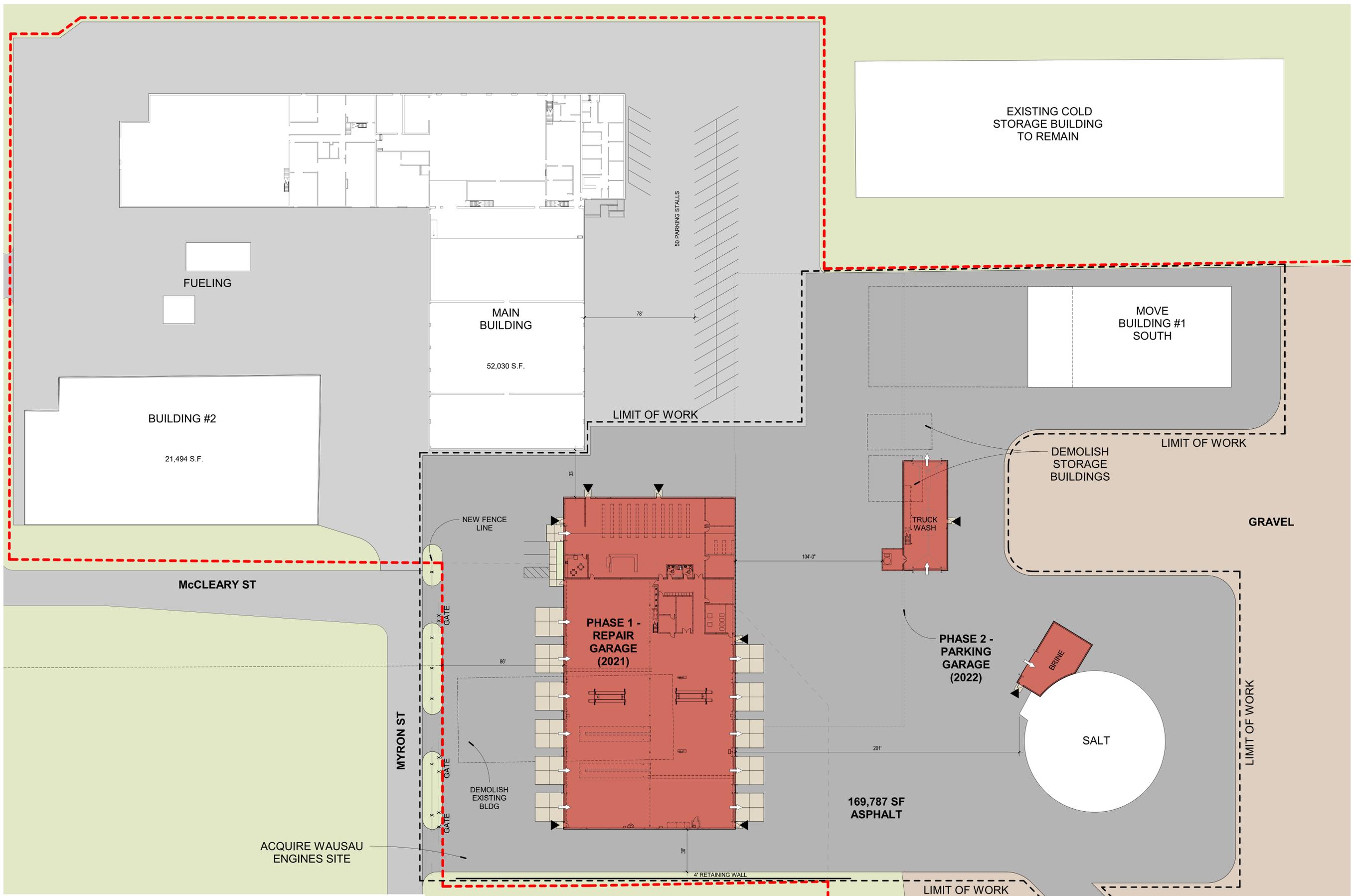
1

FIRST FLOOR PLAN - REPAIR GARAGE & PARTS STORAGE

3/32" = 1'-0"



BARRIENTOS
design & consulting



Wausau City DPW Garage Study Phase Development

5/7/20

NORTH  ① CONSTRUCTION PLAN - PHASE 1
1" = 30'-0"



Phase 1 - Construction Cost Estimate

Wausau DPW Garage
 May 28th, 2020

New Construction

02 - Existing Conditions	\$101,460
02 41 19 - Selective Building Demolition	\$101,460
03 - Concrete	\$1,551,900
03 00 00 - Concrete Testing	\$10,162
03 11 00 - Concrete Forming	\$275,973
03 15 00 - Concrete Accessories	\$49,188
03 20 00 - Concrete Reinforcing	\$53,265
03 22 00 - Welded Wire Fabric Reinforcing	\$38,517
03 30 00 - Cast-in-Place Concrete	\$272,723
03 35 00 - Concrete Finishing	\$60,091
03 41 13 - Precast Concrete Hollow Core Planks	\$108,927
03 45 00 - Precast Architectural Concrete	\$680,000
03 60 00 - Grouting/Floor Patching	\$3,053
04 - Masonry	\$105,209
04 05 23 - Masonry Accessories	\$0
04 05 24 - Masonry Embedded Flashing	\$0
04 21 00 - Clay Unit Masonry	\$0
04 22 00 - Concrete Unit Masonry	\$105,209
04 72 00 - Cast Stone Masonry	\$0
05 - Metals	\$455,720
05 12 00 - Structural Steel Framing	\$426,003
05 50 00 - Metal Fabrications	\$5,807
05 51 00 - Metal Stairs	\$10,653
05 52 00 - Metal Railings	\$13,258
06 - Wood, Plastics, and Composites	\$134,874
06 10 00 - Rough Carpentry	\$81,239
06 40 00 - Architectural Woodwork	\$26,499
06 61 16 - Solid Surfacing Fabrications	\$27,135
07 - Thermal and Moisture Protection	\$447,701
07 21 00 - Thermal Insulation	\$2,617
07 21 13 - Board Insulation	\$804
07 21 29 - Sprayed Insulation	\$2,784
07 26 13 - Above-Grade Vapor Retarders	\$557

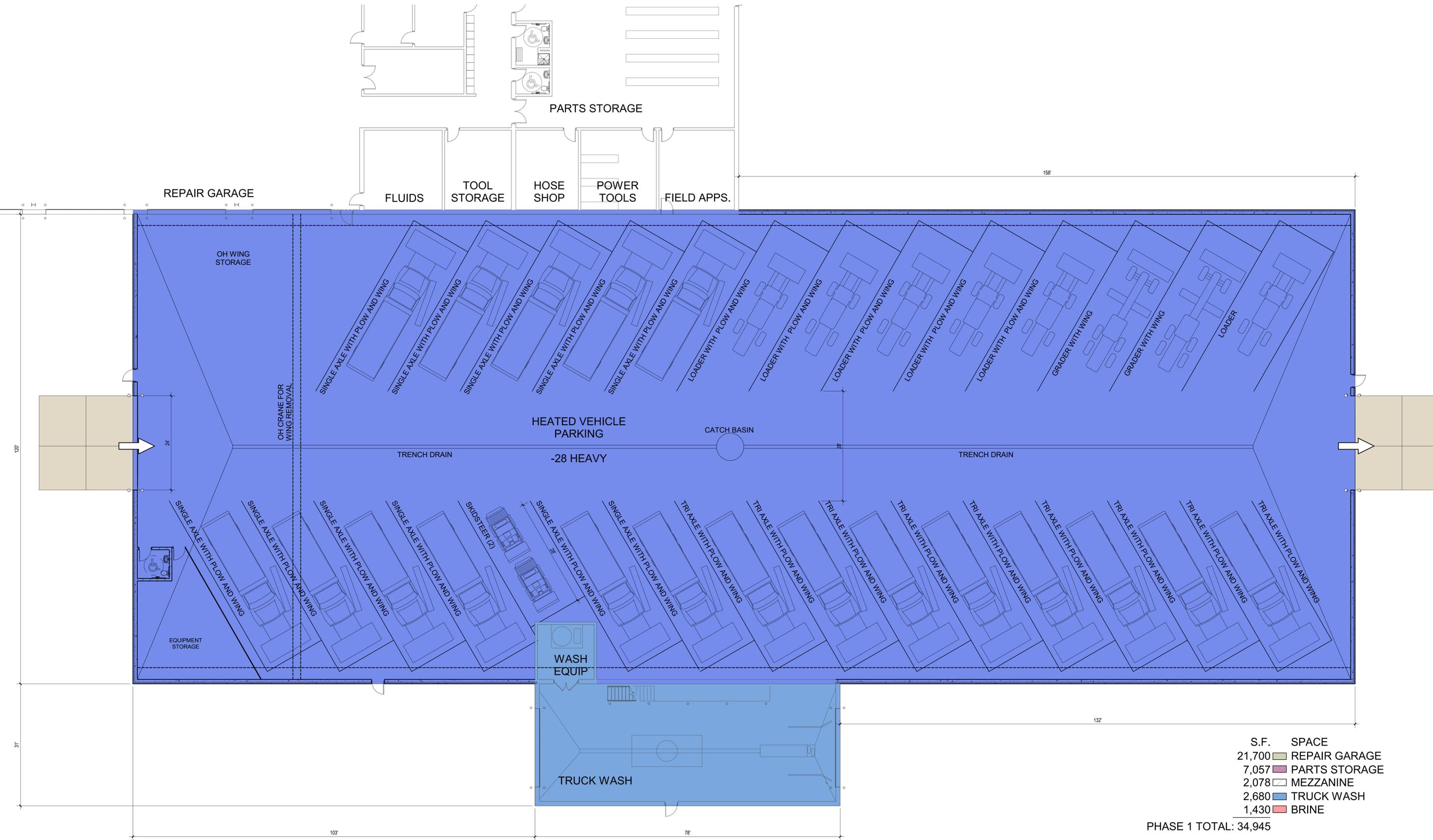
07 27 00 - Air Barriers	\$19,134
07 46 16 - Metal Wall Panels	\$0
07 53 23 - EPDM Roofing	\$358,758
07 60 00 - Flashing and Sheet Metal	\$21,307
07 92 00 - Joint Sealants	\$41,741
08 - Openings	\$271,108
08 11 13 - Hollow Metal Doors and Frames	\$64,108
08 14 00 - Wood Doors	\$0
08 36 13 - Sectional Doors	\$117,000
08 41 13 - Aluminum-Framed Entrances and Storefronts	\$0
08 44 00 - Curtain Wall and Glazed Assemblies	\$0
08 81 00 - Glass Glazing	\$90,000
09 - Finishes	\$127,812
09 21 16 - Gypsum Board Assemblies	\$0
09 30 13 - Ceramic Tiling	\$0
09 51 00 - Acoustical Ceilings	\$4,000
09 65 00 - Resilient Flooring	\$10,104
09 68 00 - Carpeting	\$0
09 90 00 - Painting and Coating	\$113,707
09 97 00 - Flooring Mitigation	\$0
10 - Specialties	\$39,410
10 14 00 - Signage	\$2,037
10 14 19 - Signage - Exterior	\$10,146
10 21 13 - Toilet Compartments	\$5,395
10 21 23 - Cubicles	\$267
10 22 13 - Wire Mesh Partitions	\$0
10 22 26 - Operable Partitions	\$0
10 28 13 - Toilet Accessories	\$7,363
10 44 00 - Fire Protection Specialties	\$4,637
10 51 00 - Lockers	\$9,566
11 - Equipment	\$667,671
11 12 00 - Cranes and Hoists	\$101,460
11 99 01 - Vehicle Wash Equipment	\$209,586
11 99 02 - Vehicle Lifts	\$166,868
11 99 03 - Brine Making Equipment	\$106,834
11 99 04 - Bulk Fluids	\$82,923
12 - Furnishings	\$0
12 21 00 - Window Blinds	\$0
21 - Fire Suppression	\$61,383
21 00 00 - Fire Suppression	\$61,383
22 - Plumbing	\$359,508

22 00 00 - Plumbing	\$359,508
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$589,279
23 00 00 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$589,279
26 - Electrical	\$688,101
26 00 00 - Electrical	\$688,101
01 - General Conditions/General Requirements	\$0
Individual Items	\$0
Total	\$5,601,137

Site Construction

31 - Earthwork	\$194,407
31 00 00 - Earthwork	\$187,994
31 25 00 - Erosion and Sedimentation Controls	\$6,413
32 - Exterior Improvements	\$277,810
32 12 16 - Asphalt Paving	\$180,727
32 13 13 - Concrete Paving	\$19,035
32 16 00 - Curbs and Gutters	\$25,064
32 17 00 - Paint Parking Stripes	\$269
32 31 13 - Chain Link Fences and Gates	\$34,241
32 90 00 - Landscaping	\$18,474
33 - Utilities	\$115,783
33 00 00 - Utilities - Storm	\$63,617
33 20 00 - Water Lateral	\$10,179
33 30 00 - Sanitary Sewerage Utilities	\$41,987
01 - General Conditions/General Requirements	0
Individual Items	0
Total	\$588,000

Building Permit	0.06%	\$3,713
Insurance Requirements	0.65%	\$40,229
Builders Risk Insurance	0.08%	\$4,951
Reproduction Expenses	0.06%	\$3,713
General Conditions	2.79%	\$172,677
General Requirements	1.25%	\$77,364
Winter Conditions/Temporary Heat	1.17%	\$72,413
Design Development Contingency		
Construction Manager's Contingency	5.00%	\$309,457
Subtotal		\$684,519
Project Construction Total		\$6,873,655
Construction Fee	1.95%	\$134,036
Performance and Payment Bond		
Architecture/Engineering Fees	6.00%	\$412,419
Total Estimate	34,945 SF	\$7,420,111



S.F.	SPACE
21,700	REPAIR GARAGE
7,057	PARTS STORAGE
2,078	MEZZANINE
2,680	TRUCK WASH
1,430	BRINE

PHASE 1 TOTAL: 34,945

37,568 VEHICLE PARKING

PHASE 2 TOTAL: 37,568

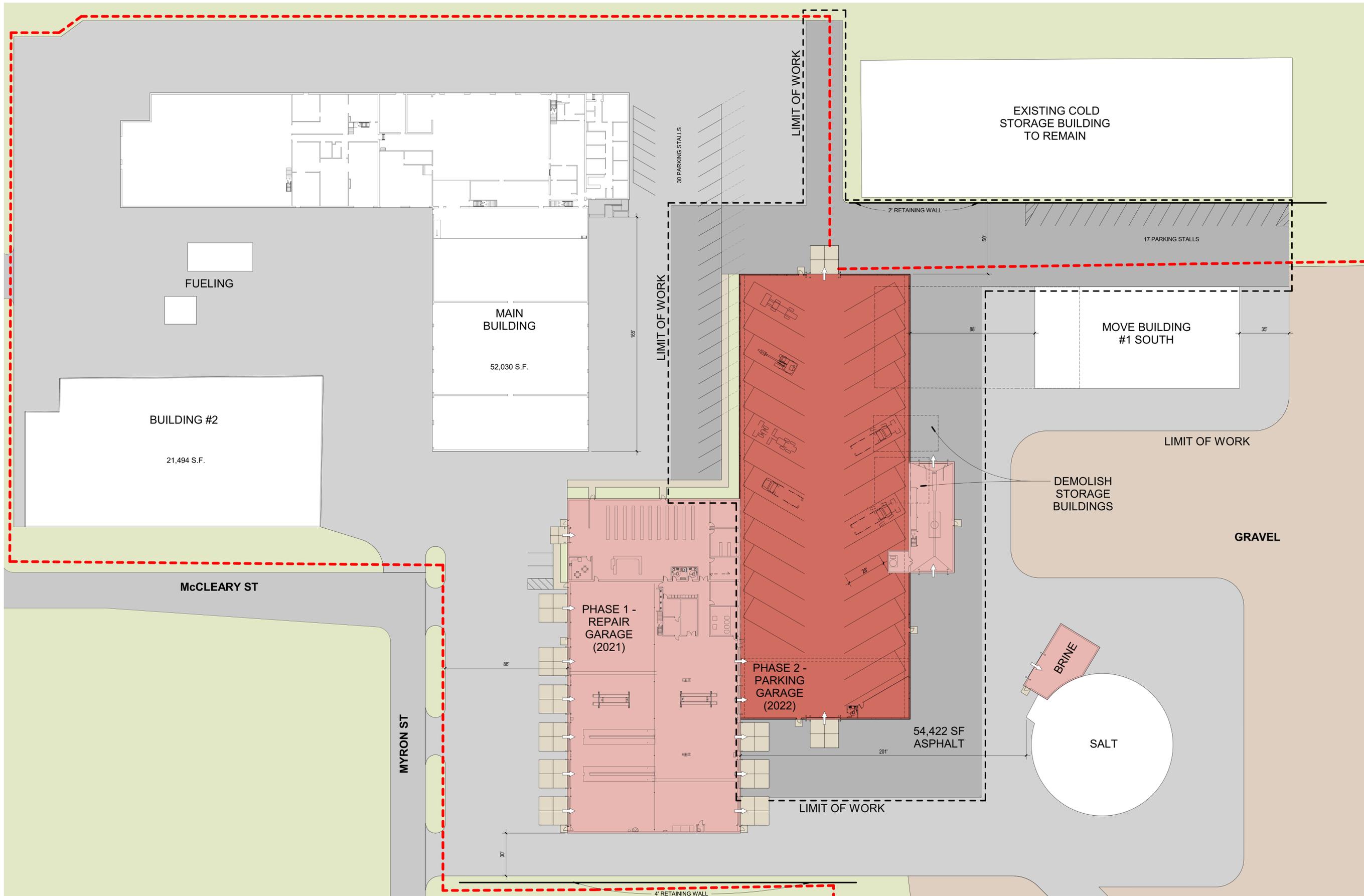
Wausau City DPW Garage Study Phase Development

5/7/20



1 FIRST FLOOR PLAN - VEHICLE PARKING & TRUCK WASH
3/32" = 1'-0"





Wausau City DPW Garage Study Phase Development

5/7/20



1 CONSTRUCTION PLAN - PHASE 2
1" = 30'-0"



Phase 2 - Construction Cost Estimate

Wausau DPW Garage

May 28th, 2020

New Construction

02 - Existing Conditions	\$110,842
02 41 19 - Relocate Cold Storage Building	\$110,842
03 - Concrete	\$1,678,522
03 00 00 - Concrete Testing	\$11,102
03 11 00 - Concrete Forming	\$301,491
03 15 00 - Concrete Accessories	\$53,736
03 20 00 - Concrete Reinforcing	\$58,191
03 22 00 - Welded Wire Fabric Reinforcing	\$42,079
03 30 00 - Cast-in-Place Concrete	\$297,941
03 35 00 - Concrete Finishing	\$65,647
03 41 13 - Precast Concrete Hollow Core Planks	\$65,000
03 45 00 - Precast Architectural Concrete	\$780,000
03 60 00 - Grouting/Floor Patching	\$3,335
04 - Masonry	\$10,000
04 05 23 - Masonry Accessories	\$0
04 05 24 - Masonry Embedded Flashing	\$0
04 21 00 - Clay Unit Masonry	\$0
04 22 00 - Concrete Unit Masonry	\$10,000
04 72 00 - Cast Stone Masonry	\$0
05 - Metals	\$485,376
05 12 00 - Structural Steel Framing	\$465,394
05 50 00 - Metal Fabrications	\$6,343
05 51 00 - Metal Stairs	\$11,638
05 52 00 - Metal Railings	\$2,000
06 - Wood, Plastics, and Composites	\$0
06 10 00 - Rough Carpentry	\$0
06 40 00 - Architectural Woodwork	\$0
06 61 16 - Solid Surfacing Fabrications	\$0
07 - Thermal and Moisture Protection	\$489,099
07 21 00 - Thermal Insulation	\$2,859
07 21 13 - Board Insulation	\$878
07 21 29 - Sprayed Insulation	\$3,041
07 26 13 - Above-Grade Vapor Retarders	\$609

07 27 00 - Air Barriers	\$20,904
07 46 16 - Metal Wall Panels	\$0
07 53 23 - EPDM Roofing	\$391,932
07 60 00 - Flashing and Sheet Metal	\$23,277
07 92 00 - Joint Sealants	\$45,600
08 - Openings	\$135,761
08 11 13 - Hollow Metal Doors and Frames	\$14,000
08 14 00 - Wood Doors	\$0
08 36 13 - Sectional Doors	\$61,761
08 41 13 - Aluminum-Framed Entrances and Storefronts	\$0
08 44 00 - Curtain Wall and Glazed Assemblies	\$0
08 81 00 - Glass Glazing	\$60,000
09 - Finishes	\$124,221
09 21 16 - Gypsum Board Assemblies	\$0
09 30 13 - Ceramic Tiling	\$0
09 51 00 - Acoustical Ceilings	\$0
09 65 00 - Resilient Flooring	\$0
09 68 00 - Carpeting	\$0
09 90 00 - Painting and Coating	\$124,221
09 97 00 - Flooring Mitigation	\$0
10 - Specialties	\$18,375
10 14 00 - Signage	\$2,226
10 14 19 - Signage - Exterior	\$11,084
10 21 13 - Toilet Compartments	\$0
10 21 23 - Cubicles	\$0
10 22 13 - Wire Mesh Partitions	\$0
10 22 26 - Operable Partitions	\$0
10 28 13 - Toilet Accessories	\$0
10 44 00 - Fire Protection Specialties	\$5,065
11 - Equipment	\$110,842
11 12 00 - Cranes and Hoists	\$110,842
11 99 01 - Vehicle Wash Equipment	\$0
11 99 03 - Brine Making Equipment	\$0
12 - Furnishings	\$0
12 21 00 - Window Blinds	\$0
21 - Fire Suppression	\$67,059
21 00 00 - Fire Suppression	\$67,059
22 - Plumbing	\$389,054
22 00 00 - Plumbing	\$389,054
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$643,768

23 00 00 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$643,768
26 - Electrical	\$751,728
26 00 00 - Electrical	\$751,728
01 - General Conditions/General Requirements	\$0
Individual Items	\$0
Total	\$5,014,647

Site Construction

31 - Earthwork	\$198,032
31 00 00 - Earthwork	\$191,500
31 25 00 - Erosion and Sedimentation Controls	\$6,532
32 - Exterior Improvements	\$261,672
32 12 16 - Asphalt Paving	\$197,658
32 13 13 - Concrete Paving	\$19,390
32 16 00 - Curbs and Gutters	\$25,532
32 17 00 - Paint Parking Stripes	\$274
32 90 00 - Landscaping	\$18,819
33 - Utilities	\$135,069
33 00 00 - Utilities - Storm	\$64,803
33 20 00 - Water Lateral	\$10,369
33 30 00 - Sanitary Sewerage Utilities	\$59,897
01 - General Conditions/General Requirements	0
Individual Items	0
Total	\$594,773

Building Permit	0.06%	\$3,366
Insurance Requirements	0.65%	\$36,461
Builders Risk Insurance	0.08%	\$4,488
Reproduction Expenses	0.06%	\$3,366
General Conditions	2.79%	\$156,503
General Requirements	1.25%	\$70,118
Winter Conditions/Temporary Heat	1.17%	\$65,630
Design Development Contingency		
Construction Manager's Contingency	5.00%	\$280,471
Subtotal		\$6,229,822
Project Construction Total		\$6,229,822
Construction Fee	1.95%	\$121,482
Performance and Payment Bond		
Architecture/Engineering Fees	5.00%	\$311,491
Total Estimate	37,568 SF	\$6,662,794

CITY OF WAUSAU

DPW-INSPECTIONS

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	LED Retrofit kits for low level decoratives downtown	Plan Year:	2021
Classification:	Equipment	Department:	Inspections and Electrical systems
Priority:	Moderate	Contact Name:	Rick Pergolski
Useful Life:	30 years		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Retrofit downtown low level decorative lighting to LED lighting and commission them onto the ROAM system. The lights would be all of the low level decoratives around the 400 block. 3rd Street from Washington to Fulton St. and Scott St corridor. Approximately 145 lights.

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

We are ready to start the retrofit as soon as funding is available

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 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

Our lighting systems are nearing end of life. By retrofitting we are not only using half the energy to operate we are also reducing maintenance costs.

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 cost of waiting for this project is about \$2,500 a year in energy savings

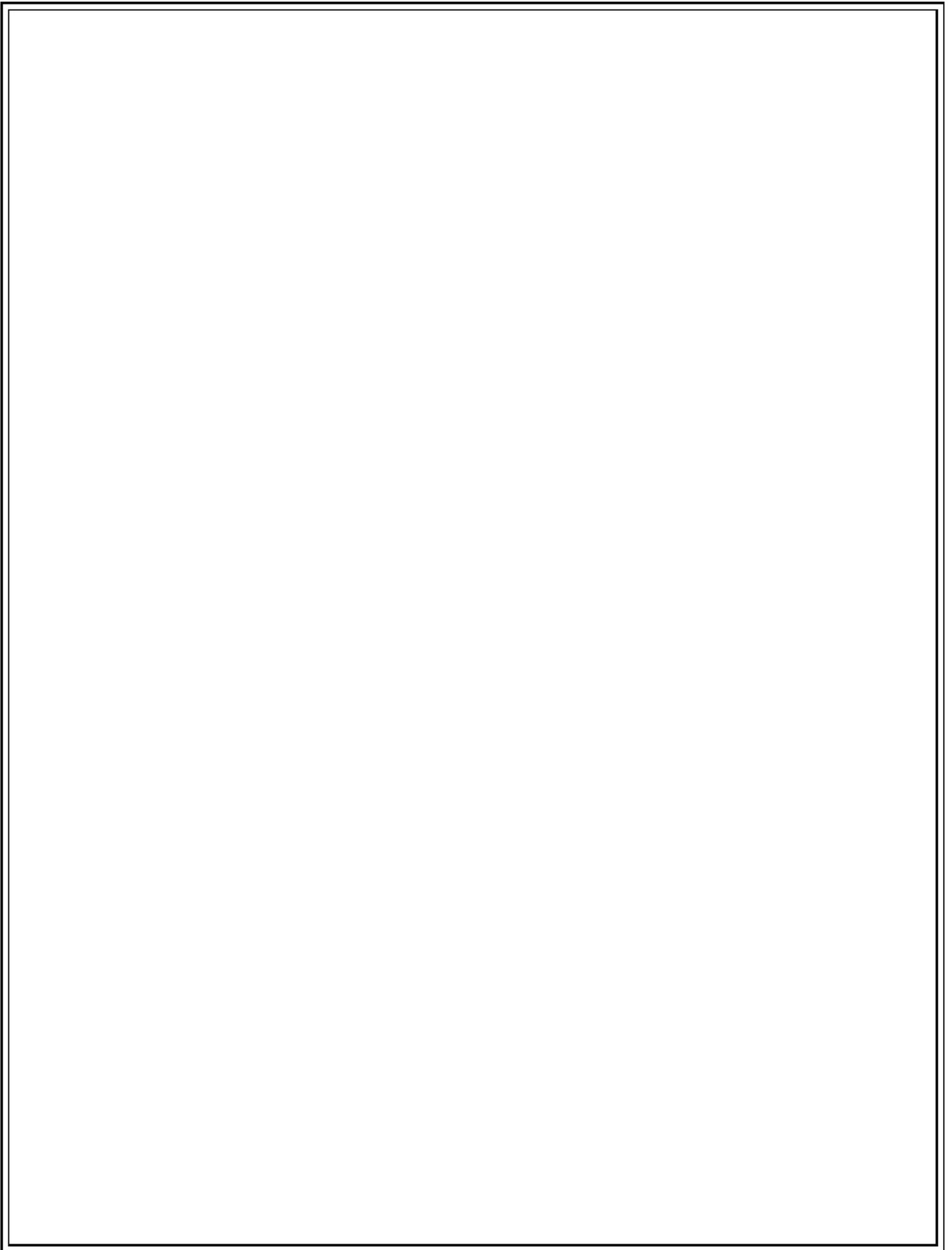
RETURN ON INVESTMENT

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 financial Payback is 3 years. That doesn't include maintenance costs. Depending on when the project is completed we could possibly get a rebate from Focus On Energy.

CITY OF WAUSAU

**FACILITY
MAINTENANCE**



**CITY OF WAUSAU
 WAUSAU FACILITY MAINTENANCE DEPARTMENT
 LONG RANGE CAPITAL PLAN**

CIP REQUESTS- CURRENT YEAR	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION										
1	Public Safety Boiler	Maint	\$45,000		Equip	\$45,000				\$45,000
2	City Hall Concrete Repairs	Maint	\$50,000		Facility	\$50,000				\$50,000
3										\$0
4										-
5										-
6										-
		<u>\$ 95,000</u> <u>\$ -</u>				<u>\$ 95,000</u> <u>\$ -</u> <u>\$ -</u> <u>\$ -</u> <u>\$ -</u> <u>\$ -</u>				<u>\$ 95,000</u>

CIP FORECAST- FUTURE YEARS	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION										
1	Station 3 improvements	Maint						50,000		50,000
2										-
3										-
4										-
5										-
6										-
		<u>\$ -</u> <u>\$ -</u>				<u>\$ -</u> <u>\$ -</u> <u>\$ -</u> <u>\$ 50,000</u> <u>\$ -</u>				<u>\$ 50,000</u>

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title: Public Safety Boiler	Plan Year: 2021
Classification: Construction	Department: Maintenance
Priority: Very High	Contact Name: Brian Bartkowiak
Useful Life: 20 yr	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace second Boiler as back up to newly installed 2018 boiler

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

This project can be bid out any time of the year as it serves as a back up to the main boiler

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 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 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

In 2017 funds were requested to replace both boilers in the Safety Bldg. Half of the requested funds were issued for replacement of one boiler. This was excepted as the back up boiler was still operational. In the winter of 2019 backup boiler failed and was determined not repairable. I am requesting funds to replace this boiler in the event number 1 boiler fails ending with no backup heat to the 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.

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

Boilers of today are far more efficient by as much as 98 % over the existing, pay back is commonly seen in 10yrs. A FOE rebate is available

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	City Hall Concrete Repairs	Plan Year:	2021
Classification:	Construction	Department:	Maintenance
Priority:	High	Contact Name:	Brian Bartkowiak
Useful Life:	15		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace emergency exit steps leading out of CH basement, repairs to loading dock 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

The steps are in very poor condition, over the years many repairs have been completed on these steps. A complete replacement is requested for the safety of employees and visitors. The loading dock parking area has had several repairs made to the expansion joints, the freeze thaw of our winters continue to expand these repairs every year to the point we need to repair this correctly by apply a sealed coat to the top deck of this area. A portion 20 x 60 ft of this parking area is open to the basement of city hall creating damage in this area as well.

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, and costly damage to storage in boiler room.

City Hall
Basement Emergency Exit Staircase



CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

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

FIRE DEPARTMENT

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

CIP REQUESTS- CURRENT YEAR	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	Alerting System Upgrade	WFD	146,084		Equip	\$146,084				\$146,084	
2	Station 1 Remodel (Continuation)	WFD	\$50,930		Facility	\$50,930				\$50,930	
3	Automated CPR Devices	WFD	\$48,706		Equip	\$48,706				\$48,706	
4										-	
5										-	
6										-	
		<u>\$ 245,720</u>		<u>\$ -</u>		<u>\$ 245,720</u>		<u>\$ -</u>		<u>\$ 245,720</u>	

CIP FORECAST- FUTURE YEARS	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	Fire/Inspection Reporting Software	WFD	\$50,000		Equip		50,000			50,000	
2	CQI/QA Software	WFD	\$70,000		Equip		68,000			68,000	
3	Priority Medical Dispatch	WFD	\$50,000		Equip		50,000			50,000	
4	Fitness Equipment Replacement - Station 1	WFD	\$20,000		Equip			20,000		20,000	
5	Stair Chair Replacement	WFD	\$60,000		Equip			60,000		60,000	
6										-	
		<u>\$ 250,000</u>		<u>\$ -</u>		<u>\$ -</u>		<u>\$ 168,000</u>		<u>\$ 80,000</u>	
								<u>\$ -</u>		<u>\$ -</u>	
										<u>\$ 248,000</u>	

CITY OF WAUSAU
2021 CAPITAL IMPROVEMENT PLAN SCORING MATRIX
WAUSAU FIRE DEPARTMENT

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE		
	0 points	1-5 points	6-10 points	Alerting Sys	Stn1 Remodel	Auto CPR Dvcs
				\$146,083	\$50,930	\$48,705
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	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.	10	6	10
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	6	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	0	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.	10	10	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.	9	8	10
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.	10	6	10
TOTALS				79	53	70

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	G2 Fire Station Alerting System	Plan Year:	2021
Classification:	Equipment	Department:	Fire Department
Priority:	Highest	Contact Name:	Fire Chief Tracey Kujawa
Useful Life:	Unknown		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The Wausau Fire Department would like to update and revolutionize the alerting system at Stations 1 and 3 to match the system that has been installed at the new Station 2. The G2 system is an alerting system with many benefits for not only the responders but also dispatch and the community. This system will update and improve the speaker system in the stations. It will also add messaging signs, strobe lighting and HDTV remote. The messaging signs and the TV will display active turn-out clock and call information. This system also has an automated voice component allowing for clear, consistent vocalization of the message from dispatch, with minimal dispatch involvement allowing for higher efficiency on both delivering and responding to the message. The speakers are fitted with high-intensity red LEDs which provide exceptional luminosity without causing light blindness due to dark-to-bright transition which aids in response readiness during nighttime hours. The WFD is requesting \$146,083.51 for the equipment, installation and service of this equipment.

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

Updated quote was received in March of 2020. Purchase and installation of equipment would be done in the first quarter of 2021.

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 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 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 implementation of this system at all three stations will help reduce response times and decrease the immediate ill-effects on the health of our members when the alert comes into the stations. The G2 system is an alerting system with many benefits for not only the responders but also dispatch and the community. The members of the Wausau Fire Department will have increased situational awareness with this system because of the improved speaker system, messaging signs, strobe lighting and TV displays. The automated voice component will convey clear, consistent vocalization of the message from dispatch, with minimal dispatch involvement allowing for higher efficiency on both delivering and responding to the message. Wellness of the responders is also positively affected because of the speaker system which has soft-start LED lighting and voice alert. The speakers are fitted with high-intensity red LEDs which provide exceptional luminosity without causing light blindness due to dark-to-bright transition. This will reduce unnecessary cardiac stress, anxiety and optical shock thus improving the work environment.

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 this project were to be deferred it would have a detrimental effect upon emergency response units at Station 1 and 3. Deferral would mean that one of the City's three fire stations would not be dispatched in a similar manner that the other two. This will cause inconsistencies and will not allow for the increased efficiencies as a result of the implementation of this system. This would be a difficult hurdle to overcome.

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 Fire Department does generate revenue from ambulance billing. The only potential financial benefit this system would have is speeding up response times to EMS calls allowing Med units to turn-over calls in a more timely manner.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Remodel at Station 1 (completion)	Plan Year:	2021
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

This CIP would complete the renovation at Station 1. Last year CIP approved a portion of the project and we are requesting \$50,930 to complete the renovation at this station. This remodel would include the entry hallway, locker area and the bunkroom. The remodel of the entry hallway would not only be more aesthetically pleasing but also provide for more efficiencies specific to needed storage space. In the bunkroom area we would be asking to replace the carpeting which is a minimum of 25 years old. Finally the locker room area is very small with minimal storage space and the lockers are in need of replacement. Pictures have been provided.

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 cost total of \$50,930. We already have quotes for the project so would be ready to start on January 1, 2021. Please see attached spreadsheet for breakdown of 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 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

Station 1 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 six 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 also need additional storage; therefore, we would like to enclose some of the lockers for storage and then dry wall over the remainder of the openings.

The bathroom was renovated in 2020 but we were unable to complete the locker room area with the request being partially funded. As you can see in the provided picture the lockers are small and in poor condition.

The carpet in the upstairs area is over 25 years old; this renovation would also replace the carpet throughout the upstairs.

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 request is a continuation of a 2020 CIP approved project. In that project we concentrated on many of the work space inefficiencies and the infrastructure of the bathroom which was a positive step forward. It would be of benefit to be able to complete the entire project. This project and the 2020 CIP is basically focusing on small items that need to be addressed. This requested renovation is simply a band aid approach; there are other more significant but very costly issues within this building that are not being 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. We have outgrown this building and it is actually just falling apart which is also a quality of life issue for our members who are required to live here for 24 hours. It would be surely advantageous to live in a building that is a bit more functional and provides for some additional 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 construction cost would experience an increase. Although some may consider this a minor return on investment but well-maintained facilities are an attraction for new employees, people like working in a facility that isn't in poor condition.

Renovation Costs Station 1 - 2021 CIP

	Demolition and Reconstruction Costs	Furniture/Fixture Replacement Costs	Carpet Replacement Costs	Window Treatments	Total
Entry Hallway	\$15,000.00				\$15,000.00
Men's Locker Room		\$17,000.00	\$1,200.00		\$18,200.00
Women's Lockerroom			\$500.00		\$500.00
Bunkroom			\$9,600.00	\$3,000.00	\$12,600.00

Total: \$46,300.00
Additional 10% (inflation) \$4,630.00
Total: \$50,930.00

Locker Area



Hallway Reconstruction



CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title: Automated CPR Devices	Plan Year: 2021
Classification: Equipment	Department: Fire
Priority: High	Contact Name: Fire Chief Tracey Kujawa
Useful Life: 8 years	

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The Wausau Fire Department (WFD) is in need of four Cardio Pulmonary Resuscitation Automated Chest Compression (CPR) devices to replace the current devices which were purchased in 2012 and are now at the end of their service life at 8 years of age. Since their initial deployment these CPR devices have been heavily used over the last 8 years. They produce high quality non-stop CPR on cardiac arrest patients and have been a game-changer for pre-hospital resuscitation. The WFD has had several successful resuscitations using these devices. The WFD is requesting \$48,705.53 for the purchase of these automated chest compression devices to equip the four front-line WFD ambulances. Each device costs \$12,176.38 which includes the device, extra batteries, carrying case and all other related supplies with a three year warranty/service agreement with the manufacturer to maintain the devices and provide software updates as needed. (WFD has applied for a federal grant to replace these devices but due to the unknown nature of the future of the grant and the need for the devices we are including them in our CIP requests.)

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

Bids were received in January of 2020. Purchase and deployment of the devices would occur in the first quarter of 2021.

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 checked="" 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 acquisition of these replacement devices will allow WFD to continue to meet the WFD mission to provide high quality, effective, and continuous CPR to our cardiac arrest patients. Early and continuous quality CPR is directly linked to better outcomes for patients.

This equipment will allow us to meet our Medical Direction protocols while also bringing us into compliance with current equipment standards including, but not limited to: NFPA standards 450 (2017) and 21 ASTM F1031 (2013) Standard Practice for Training the Emergency Medical Technician (Basic). The CPR devices also meet five target capabilities: Responder health and safety, land based search and rescue, emergency triage and pre-hospital treatment, medical surge and mass care.

Using this device frees up the firefighter/paramedics on scene from performing hands-on CPR so other crucial interventions can be completed such as IV therapy, airway management, defibrillation and patient packaging and movement. Additionally, emergency medical responders who have vastly differing levels of proficiency are frequently required to ride unrestrained to perform compressions.

Automatic chest compression devices have been proven to have a 60% increase in blood flow to the brain when compared to manual hands-on CPR. (1) This technology is drastically increasing patient survivability by increasing the return of circulation by more than 30% (2). Additionally it has been proven that 99% of survivors had good neurological outcomes in large randomized LINC trial (3). Manufacturers' representatives have already been contacted to provide training on their respective products even before submission of this request. They have informed us that in their demonstrations, we will be receiving the training free of charge and we will be able to immediately use the equipment upon delivery. Additionally, the devices we obtain will be used to teach emergency medical responders throughout the entire county free of charge.

The current devices are 1st Generation Lucas devices that at 8 years of age have surpassed their life expectancy. The WFD has already experienced break-downs and failures of these devices so we would expect this to continue into the future.

The operational impact of the failure of the current out of date devices will be that personnel face the realization that manual CPR is statistically ineffective and at times painful to perform due to the needed body mechanics. Without receiving the requested funding, personnel will continue to attempt to perform compressions of the highest quality while potentially facing injury, and even death when transporting, unrestrained while performing chest compressions.

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 last three years the WFD has averaged 92 responses per year to pulseless non-breathing patients that received CPR from paramedics in the field. Each of these responses has the potential for the deployment of automated CPR devices. The cost benefit of the replacement of the requested automatic chest compression devices is multi-faceted. The modernization of these key WFD tools is directly linked to our mission to provide high quality, effective, and continuous CPR to our cardiac arrest patients. Early and continuous quality CPR is directly linked to better outcomes for patients.

The four devices requested will be placed on the four WFD ambulances that are staffed full-time at the paramedic level spread between three fire stations that cover the City of Wausau.

The use of the automated CPR devices drastically increases manpower effectiveness and safety for firefighter/paramedics. Injury prevention and health and wellness of WFD paramedics is of the highest priority. The use of automated CPR devices drastically decreases the probability of paramedics becoming injured during the delivery of CPR.

Research has revealed that 60% of paramedics have experienced back strains during delivery of hands-on manual CPR (1). Automated CPR devices eliminate the potential back injury from hands-on CPR.

Lastly, automated CPR devices also decrease the likelihood of paramedics being injured during transport. During transport to the hospital, performing hands-on CPR, at least one paramedic needs to be unseat-belted and standing over the patient in order to perform proper CPR. The second paramedic must also unbuckle in order to trade positions with the paramedic doing CPR. The use of automated CPR devices during transport means that paramedics rendering care can remain seat-belted during the entire transport. Unrestrained occupants are 6.5 times more likely to be severely injured and 3.8 times more likely to be killed (2) in the 4,500 annual ambulance accidents. (3)

The cost of these units when compared to the benefits of having better quality continuous CPR and the added safety factors clearly cited puts these units in the high category for replacement and maintenance. The WFD EMS Division Chief met with two different vendors for two different brands of the automatic chest compression devices and received quotes from each that were used to set the amount requested in the request.

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

These automated CPR devices show their return on investment in lives saved. It is difficult to determine the actual value of a life saved but the people who have been saved by WFD paramedics using the CPR devices in conjunction with other interventions would most likely agree that in a cost vs. benefit analysis the scale firmly tips to the benefit side. The WFD does bill for ambulance services rendered but the replacement of these devices will not add to any current revenue stream.

CITY OF WAUSAU

**POLICE
DEPARTMENT**

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Wausau PD Shooting Range/Training Facility	Plan Year:	2021 - 2025
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 2022; Implementation: Spring 2023; Completion: Spring/Summer 2024-2025.

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 \$100,000 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	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION										
1	Service Truck Replacement	Metro Ride	44,175	44,175	Vehicle	0				-
2	Fare Collection System	Metro Ride	592,375	592,375	Equipment	0				-
3										-
4										-
5										-
6										-
			<u>\$ 636,550</u>	<u>\$ 636,550</u>		<u>\$ -</u>				

CIP FORECAST- FUTURE YEARS	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION										
1	Bus Replacement (15)	Metro Ride	7,839,932	6,271,946	Vehicles			925,976	642,010	1,567,986
2										-
3										-
4										-
5										-
6										-
			<u>\$ 7,839,932</u>	<u>\$ 6,271,946</u>		<u>\$ -</u>	<u>\$ -</u>	<u>\$ 925,976</u>	<u>\$ 642,010</u>	<u>\$ 1,567,986</u>

CITY OF WAUSAU
2021 CAPITAL IMPROVEMENT PLAN SCORING MATRIX
METRO RIDE

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE	
	0 points	1-5 points	6-10 points	Serv Truck \$44,175	Fareboxes \$592,375
	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.	0	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
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	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
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.	0	1
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.	5	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.	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.	5	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.	5	5
TOTALS				35	42

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Service Truck Replacement	Plan Year:	2021
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

Single axle 4x4 pickup truck equipped snow plow.

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

Purchase 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

The truck to be replaced was manufactured in 2002 and was acquired in used condition from DPW. It has been used to plow snow and provide maintenance support for Metro Ride. It is currently operable but it has exceeded its anticipated 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 should be replaced while federal funds are available.

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

Cares Act funds will be used for 100% of the overall cost.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

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 2021-2025

Project Title: Bus Replacement	Plan Year: 2024-2025
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 9 buses in 2024 for delivery in 2025. Order 6 buses in 2025 for delivery in 2026

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

The Federal Transit Administration sets the minimum useful life expectancy for heavy-duty transit uses at 12 years. This request proposes the replacement of 2009 buses when they are 16 years old and 2011 buses when they are 15 years old. These buses serve as the "backbone" of our fleet.

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

**DPW-MOTOR POOL
FLEET**

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

CIP REQUESTS- CURRENT YEAR	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION										
1	2021 MtrPl Fleet-DPW	DPW	1,734,000		Vehicles	1,734,000				1,734,000
2	2021 MtrPl Fleet-Fire Dept	Fire	1,247,639		Vehicles	1,247,639				1,247,639
3	2021 MtrPl Fleet-Police Dept	Police	339,660		Vehicles	339,660				339,660
4	2021 MtrPl Fleet-DPW Leased	DPW	240,597		Vehicles	240,597				240,597
5										-
6										-
										-
			<u>\$ 3,561,896</u>	<u>\$ -</u>		<u>\$3,561,896</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$3,561,896</u>

CIP FORECAST- FUTURE YEARS	Dept	Total Proj	Other Src	Type	2021	2022	2023	2024	2025	TOTAL	
LAND/FACILITY/EQUIPMENT ACQUISITION											
1	2022-2025 MtrPl Fleet-DPW	DPW	2,761,646		Vehicles		1,833,437	1,606,213	1,511,606	1,250,040	2,761,646
2	2022-2025 MtrPl Fleet-Fire Dept	Fire	1,589,184		Vehicles		1,122,110	1,074,751	161,294	353,139	1,589,184
3	2022-2025 MtrPl Fleet-Police Dept	Police	934,518		Vehicles		168,545	176,682	166,429	422,863	934,518
4	2022-2025 MtrPl Fleet-DPW Leased	DPW	976,784		Vehicles		246,897	247,029	247,029	235,829	976,784
5											-
6											-
											-
			<u>\$ 6,262,133</u>	<u>\$ -</u>		<u>\$ -</u>	<u>\$3,370,988</u>	<u>\$3,104,674</u>	<u>\$2,086,357</u>	<u>\$2,261,872</u>	<u>\$6,262,133</u>

MOTOR POOL FLEET SUMMARY

Total Budget for Motor Pool 2021

3,561,896

DPW Equipment 2021

Unit #	Year	Life
1020	2003	15
1051	2010	11
1052	2010	11
1065	2016	5
1066	2016	5
1076	2016	10
1107	2016	5
1127	2008	10
1593	2009	11

	Replacement Cost	Buyback or trade	Other Dept Budget
	183,600		
	224,400		
	224,400		
	209,100	125,000	
	209,100	125,000	
trade backhoe for mini loader	25,500		
	249,900	165,000	
	377,400		
	30,600		
Eq. Cost	1,734,000	415,000	

FD Equipment 2021

Unit #	Year	Life
4661	2006	15
4663	2009	15
4655	2012	8

	601,094
	601,094
	45,450
Eq. Cost	1,247,639

PD Equipment 2021

Unit #	Year	Life
4508	2016	5
4513	2013	5
4514	2014	5
4515	2016	5
4517	2013	5
4519	2014	5
4533	2012	5

Marked squad	49,980
K9	56,100
K9	56,100
Marked squad	49,980
K9	56,100
Marked squad	49,980
Unmarked SIU	21,420
Eq. Cost	339,660

LD Vehicle Lease 2021

Unit #	Year	year replaced	Life
1001	2018	2018	5
1002	2019	2024	5
1006	2011	2021	5
1011	2019	2019	5
1012	2019	2019	5
1013	2019	2019	5
1015	2016	2016	5
1016	2016	2016	5
1019	2016	2019	5
1022	2018	2018	5
1023	2018	2018	5
1024	2014	2022	8
1025	2018	2018	5
1028	2010	2020	5
1039	2017	2017	5
1174	2006	2020	5
1179	2017	2017	5
1193	2010	2020	5
1195	2017	2017	5
1196	2018	2018	5
1198	2017	2017	5
1199	2017	2017	5
1201	2016	2019	5
2538	2016	2016	5
2539	2018	2018	5
2540	2018	2018	5
2542	2018	2018	5

lease cost	2021 cost for all leased vehicles	Buyback or trade	Other Dept Budget
6600	6,600		
5924	5,924		
4900	4,900		
4900	4,900		
4900	4,900		
4900	4,900		
5142	5,142		
4666	4,666		
4351	4,351		
6100	6,100		
6100	6,100		
6300	0		
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		Sewer Ut. Budget
4094	0		Sewer Ut. Budget
4300	0		Sewer Ut. Budget
6200	0		Sewer Ut. Budget

LD Vehicle Lease 2021

Unit #	Year	year replaced	Life	lease cost	2021 cost for all leased vehicles	Buyback or trade	Other Dept Budget
4521	2016	2016	4	4773	4773		
4522	2016	2016	4	3789	3,789		
4523	2016	2016	4	4291	4291		
4526	2017	2016	4	4094	4094		
4527	2018	2018	5	4300	4300		
4528	2018	2018	5	4300	4300		
4529	2018	2018	5	4200	4200		
4530	2013	2019	5	4500	4500		
4531	2018	2018	5	4500	4500		
4532	2011	2019	5	4500	4500		
4533	2012	2021	8	4900	4900		
4534	2017	2020	5	4094	4094		
4535	2017	2020	5	4094	4094		
4536	2017	2017	5	4094	4094		
4538	2019	2019	5	4500	4500		
4539	2017	2022	5	4094	4094		
4540	2013	2020	5	4548	4548		
4541	2016	2016	5	4666	4666		
4546	2007	2017	8	4200	0		SIU
4549	2012	2019	5	5100	5100		
4550	2017	2017	5	4888	4888		
4651	2017	2017	5	5500	5500		
4654	2018	2018	5	5300	5300		
4655	2017	2017	5	4800	0		
4657	2017	2017	5	4800	4800		
4658	2017	2017	5	4800	4800		
4682	2007	2020	5	5808	5808		
4668	2016	2016	4	6379	6379		
2560	2016	2016	5	4460	0		water Ut. Budget
4543	2020	2022	2	2200	2200		
4544	2019	2021	2	2200	2200		
					240,597		

MTR POOL FLEET-DPW

DPW 5 year replacement plan	Total EQ cos	\$1,734,000	\$1,833,437	\$1,606,213	\$1,511,606	\$1,250,040
------------------------------------	---------------------	--------------------	--------------------	--------------------	--------------------	--------------------

Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2021	2022	2023	2024	2025
1005	2018	10			Mini Loader	67,000	0	0	0	0	0
1009	2015	15	10285	15-25K TRK	Sign Truck - Cab Over	80,000	0	0	0	0	0
1014	2008	16		FORKLIFT	FORKLIFT	18,000	0	0	0	19,484	0
1018	2018	15	8794	AERIAL EQ	ELECTRICIANS 51 FT	122,000	0	0	0	0	0
1020	2003	18	10457	AERIAL EQ	ELECTRICIANS (Pole)	180,000	183,600	0	0	0	0
1024	2014	12		1/2 T TRK	Superintendent	25,920	0	0	0	0	0
1026	2000	25		GENIE LIFT	Portable Platform	32,000	0	0	0	0	35,331
1027	2020	16	10289	15-25K TRK	Mechanics Truck	130,000	0	0	0	0	0
1033	2014	18	8801	26-35K TRK	Storm Sewer Constr. Truck	100,000	0	0	0	0	0
1035	2014	15	8802	26-35K TRK	PATCH TRUCK W/#187	85,560	0	0	0	0	0
1036	2014	15	8804	26-35K TRK	PATCH TRUCK W/#188	75,000	0	0	0	0	0
1037	2013	14	8806	26-35K TRK	Storm Sewer Maint. Truck	70,000	0	0	0	0	0
1041	2019	8	8808	TRACTORS	Kubota	25,000	0	0	0	0	0
1042	2018	8		TRACTORS	Toro Groundsmaster	40,000	0	0	0	0	0
1043	2019	12	10456	TRACTORS	Skid Steer JD	65,000	0	0	0	0	0
1044	2014	8		TRACTORS	Toro Groundsmaster	40,000	0	41,616	0	0	0
1045	2010	12		TRACTORS	Skid Steer Cat	55,000	0	57,222	0	0	0
1046	2018	15	10449	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0
1047	2018	15	10450	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0
1049	2015	15	9953	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0
1050	2015	15	9952	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0
1051	2010	11	77778	45-65K TRK	Tandem	220,000	224,400	0	0	0	0
1052	2010	11	77777	45-65K TRK	Tandem	220,000	224,400	0	0	0	0
1053	2013	12	8819	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	215,296
1054	2013	12	8822	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	215,296
1055	2011	12		15-25K TRK	SUPER DUTY PLOW	76,000	0	0	80,652	0	0
1057	2009	13		15-25K TRK	SUPER DUTY PLOW	76,000	0	79,070	0	0	0
1058	2020	12	10682	15-25K TRK	SUPER DUTY PLOW	76,000	0	0	0	0	0
1059	2013	12	8832	15-25K TRK	SUPER DUTY	76,000	0	0	0	0	83,910
1061	2017	5		LOADERS		203,246	0	211,457	0	0	0
1062	2017	5		LOADERS		203,246	0	211,457	0	0	0
1063	2014	13	9321	COMPACTORS		2,150	0	0	0	0	0
1065	2016	5		LOADERS		205,000	209,100	0	0	0	0
1066	2016	5	10274	LOADERS		205,000	209,100	0	0	0	0
1067	2014	12	9195	COMPACTORS		2,150	0	0	0	0	0
1068	2014	12	9196	COMPACTORS		2,150	0	0	0	0	0
1070	2012	12	9685	RP SWEEPER		64,500	0	0	0	69,817	0
1071	2011	13		COMPACTORS		9,221	0	0	0	9,981	0
1072	2010	15			Air Compressor	26,000	0	0	0	0	28,706
1073	2010	15			Air Compressor	26,000	0	0	0	0	28,706
1074	2003	16	9938	BLOWERS	Sno Go	220,000	0	0	0	0	0
1075	2019	20		BLOWERS	LaRue snow blower	169,000	0	0	0	0	0
1076	2016	13	9322	BACKHOES	Backhoe	130,000	25,500	0	0	0	0
1078	2009	15		MISC. EQ	HYDRO HAMMER	10,000	0	0	0	10,824	0
1079	2009	15	9322	BACKHOES	Backhoe	25,500	0	0	0	140,716	0 Trade for mini excavator
1081	2005	25		AIR COMP.	Portable Elect. Trk	7,300	0	0	0	0	0
1082	1969	55		STEAM BOLIER		85,000	0	0	0	92,007	0
1083	2004	25	10276	AIR COMP.	Portable Sign trk	7,300	0	0	0	0	0
1084	2006	18		ROLLERS	Rubber Tired Roller	52,890	0	0	0	57,250	0
1085	1996	40		STEAM BOLIER		85,000	0	0	0	0	0
1086	1978	46		STEAM BOLIER		85,000	0	0	0	92,007	0
1087	2014	10	12291	MISC. EQ	Partner Cement Saw	1,500	0	0	0	1,624	0
1088	2015	9	10275	CEMENT SAW	CONCRETE CHAIN SAW	2,400	0	0	0	2,598	0
1089	2014	10	12291	CEMENT SAW	Partner Cement Saw	1,500	0	0	0	1,624	0
1090	1999	20	8859	CHAINSAW		500	0	0	0	0	0
1091	1999	20	8860	CHAINSAW		500	0	0	0	0	0
1093	2018	5	9693	LOADERS		210,000	0	0	222,854	0	0
1094	2011	11		BLOWERS	Large Snow Blower	260,000	0	270,504	0	0	0
1095	2011	14		ROLLERS	Steel Roller	85,000	0	0	0	0	93,847
1097	2018	5	9693	LOADERS		210,000	0	0	222,854	0	0
1098	1997	27	8869	WATER PUMP		2,800	0	0	0	3,031	0
1099	1991	33	8870	WATER PUMP		2,800	0	0	0	3,031	0
1103	2020	15		DOZERS	D6N Cat	260,000	0	0	0	0	0
1106	2019	5	8873	GRADERS	All Wheel Drive	219,022	0	0	0	237,076	0
1107	2016	5	9692	GRADERS	All Wheel Drive	245,000	249,900	0	0	0	0
1111	1999	25	10684	26-35K TRK	5th Wheel Tractor	65,000	0	0	0	70,358	0
1113	1995	28	8877	GRADERS	Alley Grader	130,000	0	0	137,957	0	0
1116	1995	30	8878	TRENCHER	TRENCHER / BACKHOE	85,000	0	0	0	0	93,847
1119	2006	19		ST SWEEPER	Mechanical Sweeper	220,000	0	0	0	0	242,898
1120	2019	10		ST SWEEPER	VACUUM SWEEPER	252,000	0	0	0	0	0
1121	2019	10		ST SWEEPER	VACUUM SWEEPER	252,000	0	0	0	0	0
1122	2008	15	8887	ST SWEEPER	Mechanical Sweeper	220,000	0	0	233,466	0	0
1123	2003	20	9939	ST SWEEPER	Mechanical Sweeper	220,000	0	0	233,466	0	0
1124	1977	50	8889	GENERATOR	MILLER WELDER	3,200	0	0	0	0	0
1125	2013	15		LEAF VAC	Leaf Vac	70,000	0	0	0	0	0

Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2021	2022	2023	2024	2025
1127	2008	13		45-65K TRK	Vactor (Sewer Cleaner)	370,000	377,400	0	0	0	0
1129	2016	8	10281	CEMENT MIX	MORTAR MIXER	2,200	0	0	0	2,381	0
1130	2014	10	10281	CEMENT MIX	MORTAR MIXER	2,200	0	0	0	2,381	0
1131	2006	18	10688	COMPACTORS	COMPACTOR	2,150	0	0	0	2,327	0
1133	1996	28	8895	GENERATOR	5000W MAX 4500 CONT.	3,200	0	0	0	3,464	0
1134	2011	13		CEMENT SAW	Walk Behind Concrete Saw	22,000	0	0	0	23,814	0
1135	1996	28		GENERATOR	3500W MAX 3000 CONT.	3,200	0	0	0	3,464	0
1136	1994	20	8896	GENERATOR	4400 MAX 4000 CONT.	3,328	0	0	0	0	0
1137	2018	20	8898	CHAINSAW		600	0	0	0	0	0
1138	2018	20	8898	CHAINSAW		600	0	0	0	0	0
1139	2018	20	8899	CHAINSAW		600	0	0	0	0	0
1141	2014	20	8901	CHAINSAW		500	0	0	0	0	0
1142	1968	55	8902	WATER PUMP		2,800	0	0	2,971	0	0
1143	2007	20		WATER PUMP	Titan	2,800	0	0	0	0	0
1145	2009	17	8904	CEMENT MIX	Cement Mixer	5,758	0	0	0	0	0
1146	1968	55	8905	WATER PUMP		2,800	0	0	2,971	0	0
1147	2007	20		GENERATOR	8000W MAX 8000 CONT.	6,000	0	0	0	0	0
1148	2007	20		GENERATOR	6500W MAX 6000 CONT.	6,000	0	0	0	0	0
1149	1999	25	8908	GENERATOR	8000W MAX 8000 CONT.	6,000	0	0	0	6,495	0
1151	1997	27	8910	PAINT EQ.	Large Line Painter	130,854	0	0	0	141,641	0
1153	2006	18	8923	MISC. EQ	Line Eraser	3,000	0	0	0	3,247	0
1154	2013	10	9960	PAINT EQ.	Line Painter	5,770	0	0	6,123	0	0
1156	1999	6	8915	WEED WHIPS		400	0	0	0	0	0
1158	1995	30	8919	TRAILERS	TRENCHER TRAILER	13,000	0	0	0	0	14,353
1159	1994	30	8917	TRAILERS	GOOSENECK	30,053	0	0	0	32,530	0
1160	1994	30	8918	TRAILERS	ROLLER	13,000	0	0	0	14,072	0
1161	2007	25		TRAILERS	SKID STEER	13,000	0	0	0	0	0
1162	2001	25	9096	MISC. EQ	HYDRO SEEDER		0	0	0	0	0
1163	1993	30	8919	TRAILERS	ROLLER	13,000	0	0	13,796	0	0
1164	2020			TRAILERS	Paver	65,000	0	0	0	0	0
1165	1992	26	8921	TRAILERS	ROUTER TRL	0	0	0	0	0	0
1166	2002	25	9192	TRAILERS	CONCRETE SAW TRAILER	5,000	0	0	0	0	0
1167	2012	15		TRAILERS	MESSAGE BOARD	14,000	0	0	0	0	0
1168	1995	30	8924	TRAILERS	POLE TRAILER	16,000	0	0	0	0	17,665
1169	2007	20	10689	TRAILERS	Skid Steer Trailer	10,000	0	0	0	0	0
1171	2009	11		PAVERS	Self Propelled Paver	189,000	0	0	0	0	0
1172	2001	25	8927	MISC. EQ	STRAW BLOWER		0	0	0	0	0
1173	2012	10		1/2 T TRK	DPW	52,000	0	54,101	0	0	0
1174	2007	15		1/2 T TRK	Weed Truck	0	0	0	0	0	0
1175	2012	10		1/2 T TRK	DPW	52,000	0	54,101	0	0	0
1176	2012	10		1/2 T TRK	DPW	52,000	0	54,101	0	0	0
1177	2003	11	9961	1/2 T TRK	ELECTRICIANS	20,550	0	0	0	0	0
1178	2000	25	8932	TRENCHER	V2050 ROOT CUTTER	30,000	0	0	0	0	33,122
1183	2002	22	9686	TAR KETTLE		60,000	0	0	0	64,946	0
1184	2018	5		CRACK RTR.		18,350	0	0	19,473	0	0
1185	2018	5		CRACK RTR.		18,350	0	0	19,473	0	0
1191	2013	11		EXCAVATOR		280,000	0	0	0	303,081	0
1203	2010	12	8945	36-44K TRK	Single Axle Truck	183,000	0	190,393	0	0	0
1204	2010	12	8949	36-44K TRK	Single Axle Truck	183,000	0	190,393	0	0	0
1205	2010	12	8953	36-44K TRK	Single Axle Truck	183,000	0	190,393	0	0	0
1206	2020	12	10451	36-44K TRK	SWAP LOADER	195,000	0	0	0	0	0
1207	2020	12	10693	36-44K TRK	Single Axle Truck	195,000	0	0	0	0	0
1208	2020	12	10694	36-44K TRK	Single Axle Truck	183,000	0	0	0	0	0
1209	2020	12	10695	36-44K TRK	Single Axle Truck	183,000	0	0	0	0	0
1211	1980		9092	MISC. EQ	SNOW BUCKET		0	0	0	0	0
1217	2018	12				195,000	0	0	0	0	0
1218	2018	12				195,000	0	0	0	0	0
1220	2000	22	9004	36-44K TRK	SA DUMP	200,000	0	208,080	0	0	0
1221	2019	15				0	0	0	0	0	0
1222	2019	15	9009	36-44K TRK	SA DUMP	150,000	0	0	0	0	0
1225	2010	10		MISC. EQ	Vac / Blower	500	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
1228	2014	8	2005	BLOWERS		400	0	416	0	0	0
1229	2006	7	10698	VAC/BLOWER	VACUUM	2,000	0	0	0	0	0
1230	1984	30	9014	VAC/BLOWER	BACK PACK BLOWER	1,000	0	0	0	0	0
1233	2014	12	9691	COMPACTORS	UPRIGHT TAMPER	2,800	0	0	0	0	0
1234	1994	20	9016	AIR COMP.	Shop Portable Air Comp.	750	0	0	0	0	0
1235	2007	17		MISC. EQ	Air Compressor	1,000	0	0	0	1,082	0
1236	2016	10			post pounder	0	0	0	0	0	0
1237	2015	10		MOWERS	Lg Toro Mower	5,500	0	0	0	0	6,072
1238	2014	12	9197	COMPACTORS	PLATE TAMPER	1,750	0	0	0	0	0
1239	2014	12	9198	COMPACTORS	PLATE TAMPER	1,750	0	0	0	0	0
1240	2012	12		LANDA STEAMER		25,000	0	0	0	27,061	0
1241	1989	32	9020	TRAILERS	PORTABLE STEAMER	25,000	0	0	26,530	0	0
1242	2018	12		MISC. EQ	PRESSURE WASHER	500	0	0	0	0	0
1243	2018	5		MISC. EQ	skid steer broom		0	0	0	0	0
1244							0	0	0	0	0
1245							0	0	0	0	0
1246							0	0	0	0	0

Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2021	2022	2023	2024	2025
1247	2006	18		MISC. EQ	FORK ATTACH - LOADER	10,000	0	0	0	10,824	0
1248							0	0	0	0	0
1251	1983		9093	MISC. EQ	FORKLIFT ATT #93		0	0	0	0	0
1252					Leaf Pusher		0	0	0	0	0
1253							0	0	0	0	0
1256	2007	12	9029	BROOM	BROOM ON #41 & #42	8,500	0	0	0	0	0
1257	2007	12	9030	BROOM	BROOM ON #41 & #42	8,500	0	0	0	0	0
1258	1991	20	9094	MOWERS	leaf pusher	5,500	0	0	0	0	0
1270	1998	25		MISC. EQ	Green Machine	1,500	0	0	1,592	0	0
1274	2011	15		MISC. EQ	POWER SCREED	2,300	0	0	0	0	0
1275	1998	7	9039	WEED WHIPS	WEEDEATER	450	0	0	0	0	0
1279	2015	7		MOWERS	MOWER, PUSH	350	0	364	0	0	0
1281	2014	10	9045	WEED WHIPS	WEED WHIP	500	0	0	0	541	0
1282	2014	10		WEED WHIPS	WEEDEATER	500	0	0	0	541	0
1283	2012	12		WEED WHIPS	WEEDEATER	400	0	0	0	433	0
1284	2009	15		WEED WHIPS	WEEDEATER	400	0	0	0	433	0
1285	2014	10		WEED WHIPS	STIHL COMBI SYS.	400	0	0	0	433	0
1286	2014	10		WEED WHIPS	STIHL COMBI SYS.	400	0	0	0	433	0
1287	2014	10		WEED WHIPS	STIHL COMBI SYS.	400	0	0	0	433	0
1289	2005	20		MISC. EQ	AUGERS FOR SKID STEER	1,200	0	0	0	0	1,325
1300	2005	20		MISC. EQ	HARLEY RAKE	4,500	0	0	0	0	4,968
1301	2005	20		MISC. EQ	GRAPPLE FORKS	1,500	0	0	0	0	1,656
1324	1995		N/A	SNOW PLOW	AIRPORT PLOW		0	0	0	0	0
1344	2014	15			Blower		0	0	0	0	0
1395	2012	15		MISC. EQ	MESSAGE BOARD	12,500	0	0	0	0	0
1396	2012	15		MISC. EQ	MESSAGE BOARD	12,500	0	0	0	0	0
1397	2010	15		MISC. EQ	MESSAGE BOARD	12,500	0	0	0	0	13,801
1398	2006	18	10697	MISC. EQ	MESSAGE BOARD	12,500	0	0	0	13,530	0
1399	2006	18	10696	MISC. EQ	MESSAGE BOARD	12,500	0	0	0	13,530	0
1451	1986	37	9058	WATER TANK	MOUNTED ON 220	10,000	0	0	10,612	0	0
1454	1999		N/A	MISC. EQ	FLATBED MOUNTED ON		0	0	0	0	0
1455	2000	22		MISC. EQ	SINGLE AXLE SNOW BOX		0	0	0	0	0
1457	2001	22	9312	MISC. EQ	FLATBED		0	0	0	0	0
1461	2003	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0
1462	2003	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0
1463	2004	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0
1464	2004	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0
1465	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0
1466	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0
1467	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0
1468	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0
1469	2005			MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0	0
1470	2007	20		MISC. EQ	ODB LEAF VAC	130,000	0	0	0	0	0
1471	2004	25		MISC. EQ	FEEDER CONVEYOR	85,000	0	0	0	0	0
1472	2004	25	10283	MISC. EQ	STACKER CONVEYOR	120,000	0	0	0	0	0
1475	2008			MISC. EQ	ALLIED HOLE HOG		0	0	0	0	0
1491	2006	20	N/A	AIR COMP.	Shop Permant Air Comp.	16,000	0	0	0	0	0
1492	2004	15	10282	MISC. EQ	EMERGENCY GEN. JEFFERSON		0	0	0	0	0
1494	2000	30	N/A	GENERATOR	EMERGENCY GEN. DPW	3,200	0	0	0	0	0
1503	2014	15	8946	SNOW PLOW	PLOW ON 203	12,500	0	0	0	0	0
1504	2014	15	8950	SNOW PLOW	PLOW ON 204	12,500	0	0	0	0	0
1505	2014	15	8954	SNOW PLOW	PLOW ON 205	12,500	0	0	0	0	0
1506	2013	15	8989	SNOW PLOW	PLOW ON 206	12,500	0	0	0	0	0
1507	2017	13	8962	SNOW PLOW	PLOW ON 207	12,500	0	0	0	0	0
1508	2017	13	8966	SNOW PLOW	PLOW ON 208	12,500	0	0	0	0	0
1509	2017	13	8970	SNOW PLOW	PLOW ON 209	12,500	0	0	0	0	0
1517	2017	10	8880	SNOW PLOW	PLOW ON 117	12,500	0	0	0	0	0
1518	2017	10	8883	SNOW PLOW	PLOW ON 118	12,500	0	0	0	0	0
1520	2013	12	8997	SNOW PLOW	PLOW ON	13,500	0	0	0	0	14,905
1522	2013	12	8993	SNOW PLOW	PLOW ON	13,500	0	0	0	0	14,905
							0	0	0	0	0
1541	2014	10		PLOW	spare plow	7,500	0	0	0	8,118	0
1542	2014	10	9026	PLOW	spare plow	7,500	0	0	0	8,118	0
1543	2010		8985	SNOW PLOW	BOBCAT PLOW		0	0	0	0	0
1546	2015	10	8985	SNOW PLOW	PLOW ON	13,500	0	0	0	0	14,905
1547	2015	10	8974	SNOW PLOW	PLOW ON	13,500	0	0	0	0	14,905
1549	2015	20	9001	SNOW PLOW	PLOW ON 49	13,500	0	0	0	0	0
1550	2015	20	8981	SNOW PLOW	PLOW ON 53	13,500	0	0	0	0	0
1551	2015	10	8813	SNOW PLOW	PLOW ON 51	13,500	0	0	0	0	14,905
1552	2015	10	8817	SNOW PLOW	PLOW ON 52	13,500	0	0	0	0	14,905
1553	2013	12	8958	SNOW PLOW	PLOW ON 51	13,500	0	0	0	0	14,905
1554	2013	12	9006	SNOW PLOW	PLOW ON 54	13,500	0	0	0	0	14,905
							0	0	0	0	0
1557	2009	20		SNOW PLOW	PLOW ON 57	3,000	0	0	0	0	0
1561	2000	18	8834	SNOW PLOW	PLOW ON 61	16,000	0	0	0	0	0
1562	2014	17	8836	SNOW PLOW	PLOW ON 62	16,000	0	0	0	0	0
1565	1998	20	8868	SNOW PLOW	PLOW ON 65	19,000	0	0	0	0	0
1566	1999	23	8841	SNOW PLOW	PLOW ON 66	19,000	0	19,768	0	0	0

Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2021	2022	2023	2024	2025	
1593	2009	11		SNOW PLOW	PLOW ON 93 (Wings)	30,000	30,600	0	0	0	0	
1603	1996	24	8947	SNOW WING	WING ON 203	0	0	0	0	0	0	
1604	1996	22	8951	SNOW WING	WING ON 204	0	0	0	0	0	0	
1605	1996	22	8955	SNOW WING	WING ON 205	0	0	0	0	0	0	
1606	1993	20	8990	SNOW WING	WING ON 206	0	0	0	0	0	0	
1607	2006	20	8963	SNOW WING	WING ON 207	0	0	0	0	0	0	
1608	2006	20	8967	SNOW WING	WING ON 208	0	0	0	0	0	0	
1609	2006	20	8971	SNOW WING	WING ON 209	0	0	0	0	0	0	
1617	1992	23	8881	SNOW WING	WING ON 117	0	0	0	0	0	0	
1618	1992	23	8884	SNOW WING	WING ON 118	0	0	0	0	0	0	
1620	1993	27	8998	SNOW WING	WING ON 220	0	0	0	0	0	0	
1622	1993	27	8994	SNOW WING	WING ON 222	0	0	0	0	0	0	
1626	2014	20		SNOW WING	WING ON 106	18,000	0	0	0	0	0	
1627	1997	19	9095	SNOW WING	WING ON 107	18,000	0	0	0	0	0	
1646	1993	22	8986	SNOW WING	WING ON	0	0	0	0	0	0	
1647	1993	22	8975	SNOW WING	WING ON	0	0	0	0	0	0	
1649	1993	22	9002	SNOW WING	WING ON	0	0	0	0	0	0	
1650	1993	22	8982	SNOW WING	WING ON	0	0	0	0	0	0	
1651	2010	20		SNOW WING	WING ON 51	0	0	0	0	0	0	
1652	2011	20	8818	SNOW WING	WING ON 52	0	0	0	0	0	0	
1653	2013	20	8821	SNOW WING	WING ON	0	0	0	0	0	0	
1654	2013	20	8824	SNOW WING	WING ON	0	0	0	0	0	0	
1741	2014				spreader on 41		0	0	0	0	0	
1742	2001		N/A	SPREADERS	SPREADER ON 42	3,500	0	0	0	0	0	
1757	2009	15		SPREADERS	SANDER ON 57	2,500	0	0	0	2,706	0	
1703	2009	15	8948	SPREADERS	SPREADER ON 203	2,500	0	0	0	2,706	0	
1704	2009	15	8952	SPREADERS	SPREADER ON 204	2,500	0	0	0	2,706	0	
1705	2009	15	9008	SPREADERS	SPREADER ON 205	2,500	0	0	0	2,706	0	
1706	1994	15	8960	SPREADERS	SPREADER ON 206	2,500	0	0	0	0	0	
1707	2006	14	8964	SPREADERS	SPREADER ON 207	2,500	0	0	0	0	0	
1708	2006	14	8968	SPREADERS	SPREADER ON 208	2,500	0	0	0	0	0	
1709	2006	14	8972	SPREADERS	SPREADER ON 209	2,500	0	0	0	0	0	
1717	2005			SPREADERS	SPREADER	0	0	0	0	0	0	
1718	2005	20		SPREADERS	SPREADER	0	0	0	0	0	0	
1751	2003	20		MISC. EQ	BARREL FILLER	15,000	0	0	15,918	0	0	
1720	2009	14		SPREADERS	SPREADER ON 220	15,000	0	0	15,918	0	0	
1722	2009	14	9057	SPREADERS	SPREADER ON 220, 222	15,000	0	0	15,918	0	0	
1753	2003	20	9956	SPREADERS	SPREADER	60,000	0	0	63,672	0	0	
1754	2003	20	9957	SPREADERS	SPREADER	60,000	0	0	63,672	0	0	
1749	2003	20	9958	SPREADERS	SPREADER	60,000	0	0	63,672	0	0	
1750	2005	18	10458	SPREADERS	SPREADER	60,000	0	0	63,672	0	0	
1746	2005	25		SPREADERS	SPREADER	30,000	0	0	0	0	0	
1747	2005	25		SPREADERS	SPREADER	30,000	0	0	0	0	0	
1882	1969	50	8852	BOILERS	ON 82	0	0	0	0	0	0	
1885	1996	50		BOILERS	ON 85	80,000	0	0	0	0	0	
1886	1978	50	8857	BOILERS	ON 86	0	0	0	0	0	0	
1835	2007	16		ASPHLT BOX	ON TRUCK #35	45,000	0	0	47,754	0	0	
1836	2007	16		ASPHLT BOX	ON TRUCK #36	45,000	0	0	47,754	0	0	
							0	0	0	0	0	
H181	2014	6		HEAT LANCE		2,500	0	0	0	0	0	
						13,045,368	1,734,000	1,833,437	1,632,743	1,511,606	1,250,040	"
												"
												"

MTR POOL FLEET-POLICE DEPT

PD 5 year Replacement Plan	\$339,660	\$168,545	\$176,682	\$166,429	\$422,863
-----------------------------------	------------------	------------------	------------------	------------------	------------------

Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2021	2022	2023	2024	2025	
4500	2017	10		Pickup	LT pickup	49,000	0	0	0	0	0	
4501	2020	5		Utility	Marked Squad	49,000	0	0	0	0	48,580	
4502	2020	5		Sedan	Marked Squad	49,000	0	0	0	0	48,580	
4503	2012	10		Sedan	School Resource	49,000	0	45,778	0	0	0	
4504	2017	5		Sedan	Marked Squad	49,000	0	45,778	0	0	0	
4505	2020	5		Utility	Marked Squad - Utility	49,000	0	0	0	0	48,580	
4506	2012	10		Sedan	School Resource	49,000	0	45,778	0	0	0	
4507	2020	5		Utility	Marked Squad	49,000	0	0	0	0	48,580	
4508	2016	5		Utility	Marked Squad	49,000	44,880	0	0	0	0	
4509	2018	7		Utility	Marked Squad	49,000	0	0	0	0	48,580	
4510	2012	11		Utility	School Resource	49,000	0	0	46,693	0	0	
4511	2018	8		Explorer (K9)	Marked Squad (K9)	55,000	0	0	0	0	0	
4512	2017	8		Explorer (K9)	Marked Squad (K9)	55,000	0	0	0	0	60,724	
4513	2013	8	10430	Explorer (K9)	Marked Squad (K9)	55,000	56,100	0	0	0	0	
4514	2014	7	10712	Explorer (K9)	Marked Squad (K9)	55,000	49,980	0	0	0	0	
4515	2016	5		Utility	Marked Squad	49,000	44,880	0	0	0	0	
4516	2018	5		Sedan	Marked Squad	49,000	0	0	46,693	0	0	
4517	2013	8		Utility (K9)	Marked Squad (K9)	55,000	44,880	0	0	0	0	
4518	2018	5		Sedan	Marked Squad - Utility	49,000	0	0	46,693	0	0	
4519	2014	7		Utility	Marked Squad - Utility	49,000	44,880	0	0	0	0	
4520	2018	6		Utility	Marked Squad	49,000	0	0	0	47,627	0	
4524	2018	6		Utility	Marked Squad	49,000	0	0	0	47,627	0	
4525	2020	5		Utility	Marked Utility	49,000	0	0	0	0	48,580	
4533	2012	9		Van (SIU)	Un-Marked (SIU)	21,000	21,420	0	0	0	0	
4537	2013	11		Sedan	Un-Marked	49,000	0	0	0	47,627	0	
4546	2012	10		Sedan (SIU)	Un-Marked (SIU)	15,000	0	15,606	0	0	0	
4545	2014	20	10711	Sedan	Un-Marked (Chief)	44,000	0	0	0	0	0	
4542	2000	12	9078	Van Body	ERV	34,000					0	
4551	1998	20		Trailer	Speed Trailer	9,194	0	0	0	0	0	
4552	1993	25		Trailer	Speed Trailer	9,194	0	0	0	0	0	
4553	1994	0		Trailer	Generator Trailer	6250	0	0	0	0	0	
4554	1994	0		Trailer	Trailer Haulmark		0	0	0	0	0	
							1,338,638	339,660	168,545	176,682	166,429	422,863

MTR POOL FLEET-FIRE DEPT

	2021	2022	2023	2024	2025
FD 5 year Replacement Plan	1,247,639	1,122,110	1,074,751	161,294	353,139

Eq.#	Year	Life	Asset #	Veh Class	Miscellaneous Id	Rep. Cost	2021	2022	2023	2024	2025	
Fire Apparatus Equipment												
4664	2003	17	9717	Pumper	Engine 4	595,143	0	0	613,176	0	0	
4661	2006	15	10533	Pumper	Engine #2	595,143	601,094	0	0	0	0	
4662	2014	16	9069	Pierce Pumper	Engine #1 (Future Station #2)	595,143	0	0	0	0	0	
4663	2009	16	9070	Pumper	Engine #3	595,143	601,094	0	0	0	0	
4665	1984	38	9084	Aerial 100 Ft.	Truck #2	1,100,000	0	1,122,110	0	0	0	
4695	2012	40		Aerial 100 Ft.	Truck #1	1,200,000	0	0	0	0	0	
							0	0	0	0	0	
							0	0	0	0	0	
Ambulance / Med Units												
4669	2018	12		Ambulance	Med 2	224,000	0	0	0	0	0	
4670	2009	10		Ambulance	Med 5	224,000	0	0	0	0	0	
4672	2013	10		Ambulance	Med 4	224,000	0	0	230,787	0	0	
4671	2013	10		Ambulance	Med 1	224,000	0	0	230,787	0	0	
4673	2018	12	9716	Ambulance	Med 3	224,000	0	0	0	0	0	
							0	0	0	0	0	
							0	0	0	0	0	
Other Support Vehicles & Equipment												
							0	0	0	0	0	
							0	0	0	0	0	
4655	2012	15		SUV	Car 5 - Incident Comm.	45,000	45,450	0	0	0	0	
							0	0	0	0	0	
							0	0	0	0	0	
							0	0	0	0	0	
							0	0	0	0	0	
4682	2007	12		Truck	Car 2 - Jefferson Ramp Responder	250,000	0	0	0	0	0	
4674	2015	16	9081	Truck	Rescue 1	40,000	0	0	0	41,624	0	
4677	1984	0	9082	Trailer	Trailer 1 - Fire Safety House	75,000	0	0	0	0	0	
4678	2016	20			Airboat		0	0	0	0	0	
4681	1993	35		Boat #1	Boat 2 - 16' Rescue Boat	8700	0	0	0	0	0	
	2005	20		Boat	Boat 1 - Inflatable rubber rescue	4,000	0	0	0	0	4,204	
4675	1998	25	9073	Truck	Tractor, Haz-Mat 5th Whl 4x4	112,000	0	0	0	0	117,713	
4676	1987	25	9074	Truck	Tractor, Haz-Mat 5th Whl 4x4	115,000	0	0	0	119,669	0	
4679	1997	25		Trailer	Trailer, Decon Haz-Mat	220,000	0	0	0	0	231,222	
4680	1996	30	9075	Trailer	Trailer, Command Hazmat	77,000	0	0	0	0	0	
Total Replacement Value							6,747,272	1,247,639	1,122,110	1,074,751	161,294	353,139

MTR POOL FLEET-DPW LEASED

	Lease budget	2021	2022	2023	2024	2025
5 year Lease Replacement Plan		\$240,597	\$246,897	\$247,029	\$247,029	\$235,829

LD Vehicle Lease Plan 5 Year

	Eq.#	Year	Replace	Life	Dept.	Lease Cost	Rep. Cost	2021	2022	2023	2024	2025
1	1001	2018	2018	5		6600	33,000	6,600	6,600	6,600	6,600	6600
2	1002	2019	2024	5		5924	29,620	5,924	5,924	5,924	5,924	5924
3	1006	2011	2021			4900	0	4900	4900	4900	4900	4900
4	1011	2019	2019	5		4900	24,500	4900	4900	4900	4900	4900
5	1012	2019	2019	5		4900	24,500	4900	4900	4900	4900	4900
6	1013	2019	2019	5		4900	24,500	4900	4900	4900	4900	4900
7	1015	2016	2016	5		5142	25,710	5,142	5,142	5,142	5,142	5142
8	1016	2016	2016	5		4666	23,330	4,666	4,666	4,666	4,666	4666
9	1019	2016	2019	5		4351	21,755	4,351	4,351	4,351	4,351	4351
10	1022	2018	2018	5		6100	30,500	6,100	6,100	6,100	6,100	6100
12	1023	2018	2018	5		6100	30,500	6,100	6,100	6,100	6,100	6100
13	1024	2014	2022	8		6300	50,400		6300	6,300	6,300	6,300
14	1025	2018	2018	5		6100	30500	6100	6100	6,100	6,100	6100
15	1028	2010	2020	5		6100	30500	6,100	6,100	6,100	6,100	6100
16	1039	2017	2017	5		4500	22500	4500	4500	4500	4500	4500
18	1174	2006	2020	5		4351	21,755	4,351	4,351	4,351	4,351	4351
22	1179	2017	2017	5		4600	23,000	4,600	4,600	4,600	4,600	4600
23	1193	2010	2020	5		6100	30500	6100	6100	6,100	6,100	6100
24	1195	2017	2017	5		5900	29500	5900	5900	5900	5900	5900
25	1196	2018	2018	5		5900	29500	5900	5900	5,900	5,900	5900
26	1198	2017	2017	5		4500	22500	4500	4500	4,500	4,500	4500
27	1199	2017	2017	5		4500	22500	4,500	4,500	4,500	4,500	4500
28	1201	2016	2019	5		4351	21755	4,351	4,351	4,351	4,351	4351
29	2538	2016	2016	5		6638	33190					0 sewer budget
30	2539	2018	2018	5			0					sewer budget
31	2540	2018	2018	5			0					sewer budget
32	2542	2018	2018	5		6200	31,000					0 sewer budget
34	4521	2016	2016	5		4773	23,865	4,773	4,773	4,773	4,773	4773
35	4522	2016	2016	5		3789	18945	3,789	3,789	3,789	3,789	3789
36	4523	2016	2016	5		4291	21455	4,291	4,291	4,291	4,291	4291
37	4526	2017	2016	5		4094	20470	4,094	4,094	4,094	4,094	4094
38	4527	2018	2018	5		4300	21500	4,300	4,300	4,300	4,300	4300
39	4528	2018	2018	5		4300	21500	4300	4300	4,300	4,300	4300
40	4529	2018	2018	5		4200	21000	4200	4200	4,200	4,200	4200
41	4530	2013	2019	5		4500	22500	4,500	4,500	4,500	4,500	4500
42	4531	2018	2018	5		4500	22500	4500	4500	4500	4500	4500
43	4532	2011	2019	5		4500	22,500	4,500	4,500	4,500	4,500	4500
44	4533	2012	2021	8		4900	39200	4900	4900	4,900	4,900	4900
45	4534	2017	2017	5		4094	20470	4094	4094	4,094	4,094	4094
46	4535	2017	2017	5		4094	20470	4,094	4,094	4,094	4,094	4094
47	4536	2017	2017	5		4094	20470	4,094	4,094	4,094	4,094	4094
48	4538	2011	2019	5		4500	22500	4,500	4,500	4,500	4,500	4500
49	4539	2006	2016	5		4094	20470	4094	4094	4094	4094	4094
50	4540	2013	2020	5		4548	22740	4,548	4,548	4,548	4,548	4548
51	4541	2016	2016	5		4666	23,330	4,666	4,666	4,666	4,666	4666
52	4546	2007	2017	8		4200	33600					SIU
53	4549	2012	2019	5		5100	25,500	5,100	5,100	5,100	5,100	5100
54	4550	2017	2017	5		4888	24440	4888	4888	4888	4888	4888
55	4651	2017	2017	5		5500	27500	5,500	5,500	5,500	5,500	5500
56	4654	2018	2018	5		5300	26500	5,300	5,300	5,300	5,300	5300
57	4655	2012	2021			5300	0					
58	4657	2017	2017	5		4800	24,000	4,800	4,800	4,800	4,800	4800
59	4658	2017	2017	5		4800	24000	4,800	4,800	4,800	4,800	4800
60	4682	2007	2020	5		5808	29040	5,808	5,808	5,808	5,808	5808
61	4668	2016	2016	5		6379	31,895	6,379	6,379	6,379	6,379	6379
62	2560		2016	5		4460	22300					0 water utl budget
63	4543	2020	2022	2		2200	4400	2,200	2,200	2,200	2,200	2200
	4544	2019	2021	2		2200	4400	2200	2200	2200	2200	2200

	Total	Total replace					
	monthcost	cost	2021	2022	2023	2024	2025
Totals	\$260,857	\$1,287,459	\$240,597	\$246,897	\$247,029	\$247,029	\$235,829

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	2021	2022	2023	2024	2025	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Barker Stewart Bridge Deck	23,700		Const,	23,700					23,700
2 Memorial Park Seawall	135,000		Equip.	135,000					135,000
3 Operations Bldg Hoist Replacement	32,000		Equip.	32,000					32,000
4 Playground Equipment Yr1	95,000		Const,	95,000					95,000
5 Rivers Edge Trail	15,000		Const,	15,000					15,000
6 Stewart Park Masonary Wall	20,000		Const,	20,000					20,000
7 Sylvan Hill Parking Lot	125,645		Const,	125,645					125,645
8 Tennis Court Replacement Yr1	50,000		Const,	50,000					50,000
	<u>\$ 496,345</u>	<u>\$ -</u>		<u>\$ 496,345</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 496,345</u>

CIP FORECAST- FUTURE YEARS	Total Proj	Other Funds	Type	2021	2022	2023	2024	2025	TOTAL
LAND/FACILITY/EQUIPMENT ACQUISITION									
1 Playground Equipment Yr2 & Yr3	190,000		Const,		95,000	95,000			190,000
2 Tennis Court Replacement Yr2 & Yr3	190,000		Equip.		50,000	50,000			100,000
3									-
4									-
5									-
6									-
	<u>\$ 380,000</u>	<u>\$ -</u>		<u>\$ -</u>	<u>\$ 145,000</u>	<u>\$ 145,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 290,000</u>

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Barker-Stewart Island Bridge Decking Replacement	Plan Year:	2021
Classification:	Construction/Maintenance	Department:	Parks and Recreation
Priority:	Medium	Contact Name:	Jamie Polley
Useful Life:	25 yrs		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

To replacing the decking on the Barker-Stewart Island pedestrian bridge

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

Design spring 2021, bid and construct spring/summer 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 checked="" 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 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 decking on the bridge to Barker-Stewart Island is wearing and in need of repair. The decking poses tripping hazards and possible other safety issues.

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.

Waiting too long to replace the decking could increase safety concerns on the bridge. The City will be working to clean up the island to increase the usage by the community. Replacing the decking will enhance the safety of the bridge as well as enhance the aesthetics.

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

\$23,700

SKINS

9'2" x 78' = 130 PILES @ 29.90 = \$3,088

11'4" x 153' = 294 PILES @ 35.08 = \$9,111

15' x 78' = 120 PILES @ 47.94 = \$6,210

\$19,210

DUMPE :

~ \$2,500

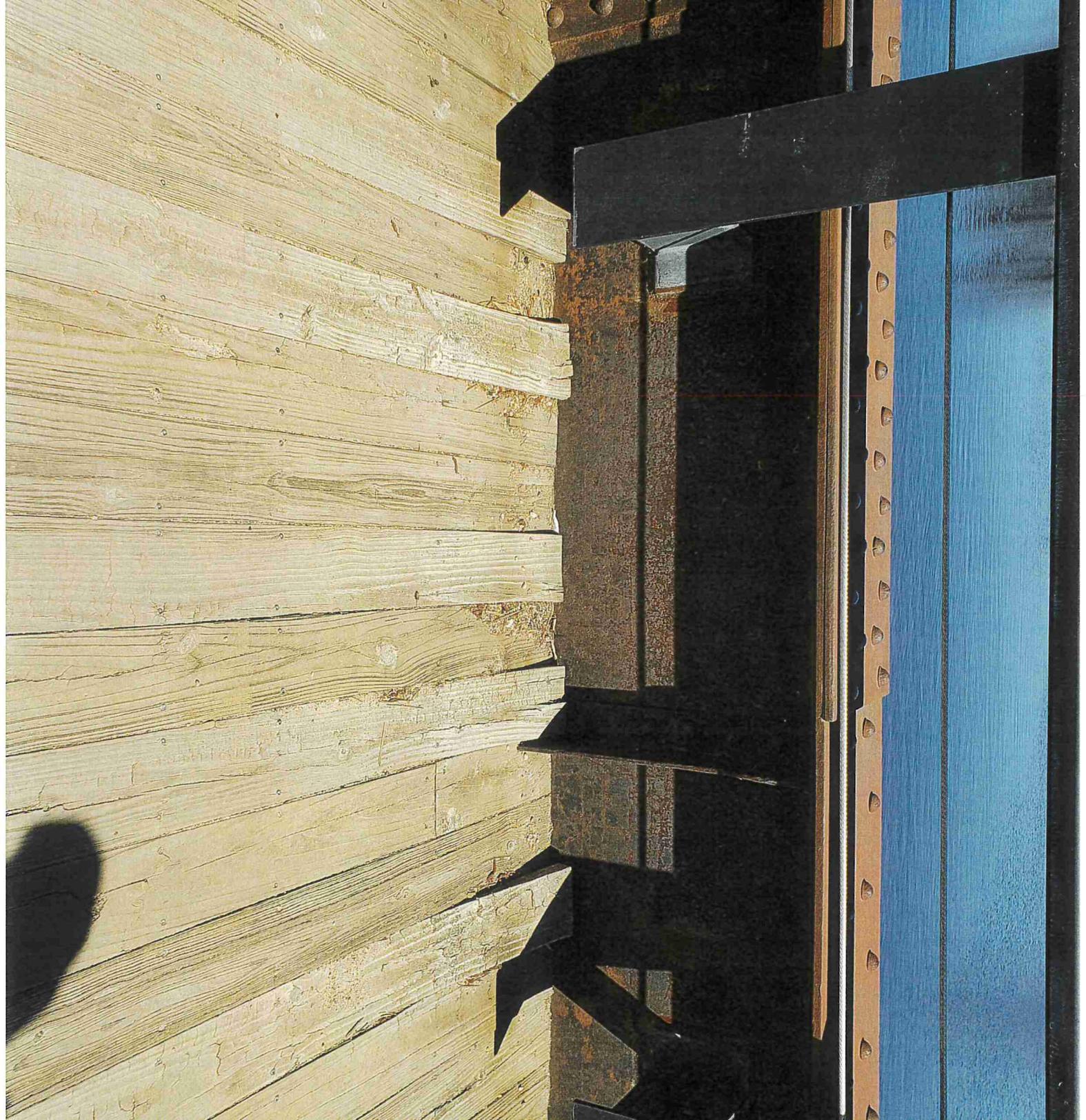
\$2,500

SCHEMATIC

\$2,000

EQUIPMENT, TOOL ROOM





CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Memorial Park Seawall Replacement	Plan Year:	2021
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 2021, construct summer/fall 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 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 Park Seawall



CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Opertions Building Hoist Replacement	Plan Year:	2021
Classification:	Equipment	Department:	Parks and Recreation
Priority:	High	Contact Name:	Jamie Polley
Useful Life:	20 yrs		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The vehicle hoist utilized by the Mechanics at Park Operations has reached its useful life (22 years) and is in need of replacment. In addition the majority of our current equipment does not fit on our current hoist because it is too small.

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

Design spring 2021, bid and construct spring/summer 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 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

The Parks, Recreation & Forestry Department has two mechanics on staff and the department completes all vehicle maintenance in house which is a significant cost saving to the City and the County. There are currently two hoists in the Operations Shop. It is time to replace one hoist as it as reached 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.

Not replacing the hoist at the end of its useful life will effect the efficiencies of the department. It will take the mechanics longer to fix and maintain equipment effecting the daily tasks of the rest of the staff. It is also becoming difficult to obtain parts for the current hoist.

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 cost to replace the hoist will be split 50/50 between the City and the County. In order to replace the hoist this request will need to be approved by both the City and the County.

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Playground Equipment	Plan Year:	2021, 2022, 2023
Classification:	Equipment Purchase	Department:	Parks, Recreation & Forestry
Priority:	High	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. 2021 replacement planned at Riverside Park and 3M Park.

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

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

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

3M Playground



Riverside Park Playground



CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	River Edge Trail -Thomas St to Wastewater Treatment Plant	Plan Year:	2021
Classification:	Equipment Purchase	Department:	Parks, Recreation & Forestry
Priority:	Medium	Contact Name:	Jamie Polley
Useful Life:	15 yrs		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

The City of Wausau has an easement along the Wisconsin River for the future River Edge Trail from Thomas St south to the Wastewater Treatment Plant. In 2021 we would like to install the first phase of this trail which includes the grading and gravel base.

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

R.F.P.'s in March/April if needed, installation August 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 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 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 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

In 2019 and 2020 the City completed the Master Plan for the River Edge Trail. It has been identified as a goal of the City to complete segments of the trail as opportunities become available. The City already has the easement from Thomas St to the Wastewater Treatment Plant. A first phase of the trail will be grade it level and install the gravel base. The installation of this segment of trail will allow the community to travel further south along the Wisconsin River. This trail segment will also allow residents from the neighborhood around the Wastewater Treatment Plant to travel north safely utilizing a trail instead of traveling on the streets.

IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

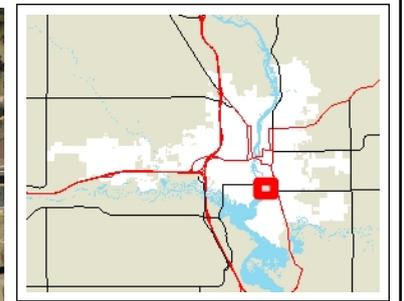
Describe how project deferral will impact future asset maintenance, economic growth, quality of service, efficiency or effectiveness, quality of life, safety, financing or other issues.

Not installing this segment of trail will not impact service or growth. It will postpone enhancing the quality of life for the community utilizing the trails.

RETURN ON INVESTMENT

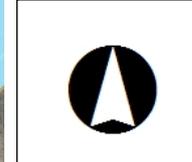
Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

Completing this segment in phases may not reduce the overall cost but allows for the project to be more managable.



Legend

- Parcel
- Railroad
- Bridge
- Overpass
- Paved Road
- Divided Highway
- Right Of Way
- Stream - River
- Pond - Lake
- Wausau Wetland
- Swamp



Map Created: 6/5/2020
 166.10 0 166.10 Feet

 NAD_1983_2011_WISCRS_Marathon_Feet

DISCLAIMER: The information and depictions herein are for informational purposes and Marathon County-City of Wausau specifically disclaims accuracy in this reproduction and specifically admonishes and advises that if specific and precise accuracy is required, the same should be determined by procurement of certified maps, surveys, plats, Flood Insurance Studies, or other official means. Marathon County-City of Wausau will not be responsible for any damages which result from third party use of the information and depictions herein or for use which ignores this warning.
THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Stewart Park Masonry Repairs	Plan Year:	2021
Classification:	Construction/Maintenance	Department:	Parks and Recreation
Priority:	Medium	Contact Name:	Jamie Polley
Useful Life:	30 yrs		

PROJECT DESCRIPTION

Provide a brief description of the project or purchase

This project will repair the granite wall and stage area and address tuck pointing of wall sections at Stewart Park.

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

Design spring 2021, bid and construct spring/summer 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 type="checkbox"/> Maintains or enhances systems that support existing city services.	<input checked="" 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 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 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

Stewart Park has been part of the Wausau Park system since 1927 when the park and its improvements were donated by the Stewart family. The nearly 100 year old granite masonry structures are in need of repair and tuckpointing.

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.

Deferment of this project could result in the loss of a community landmark.

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

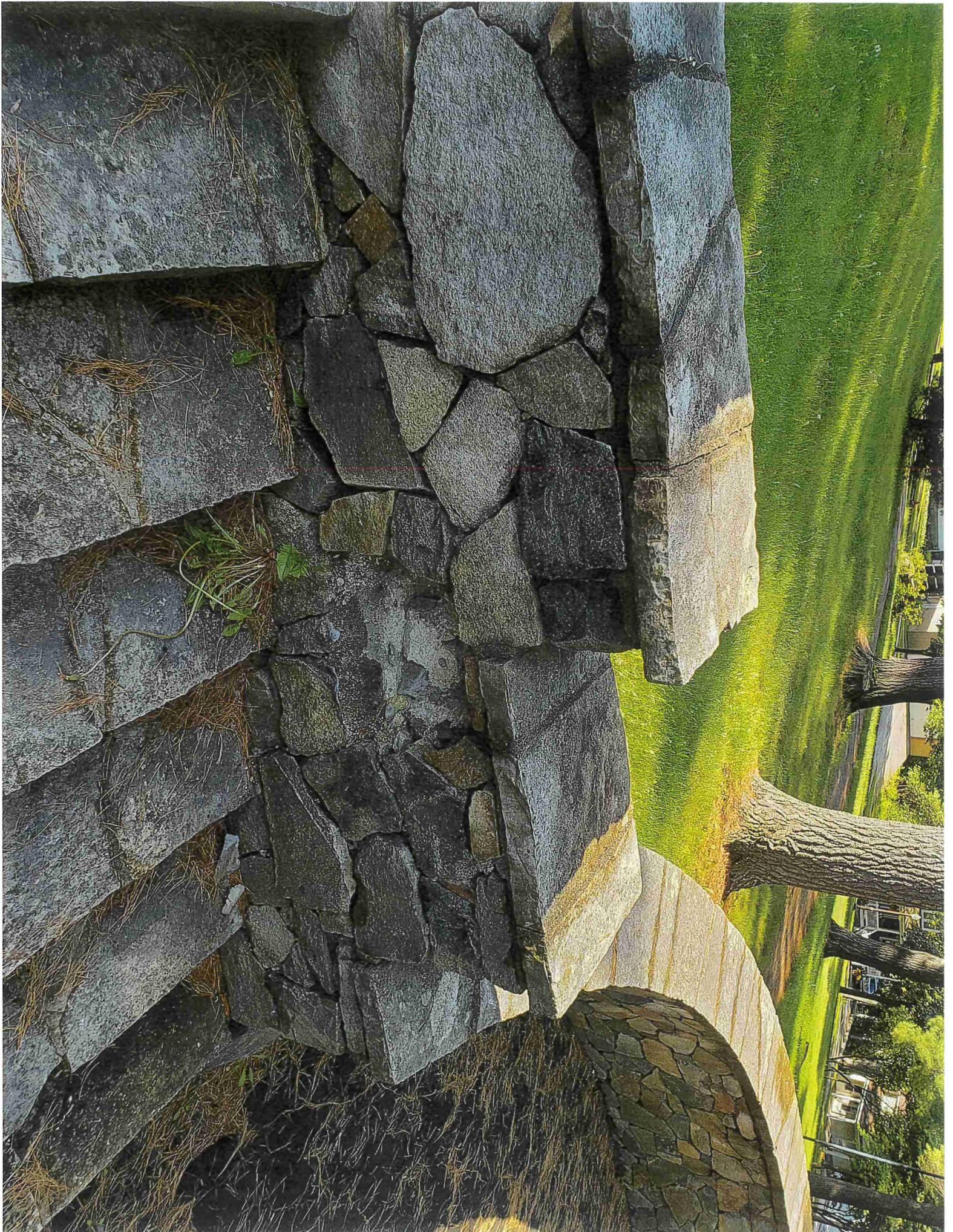
\$ 20,000

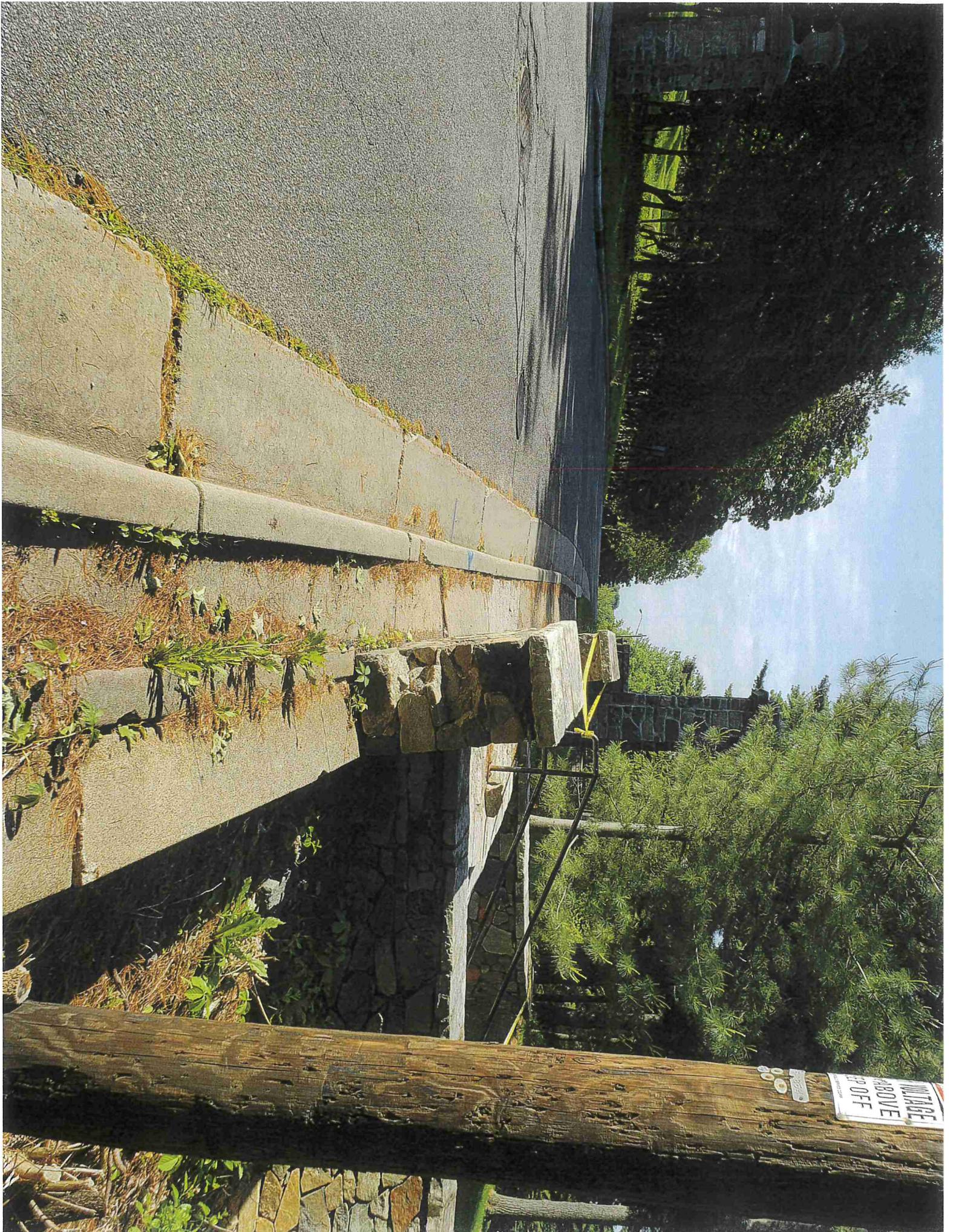
LABOR:

X 3 MANSIONS X 10 DAY @ 8 HOURS

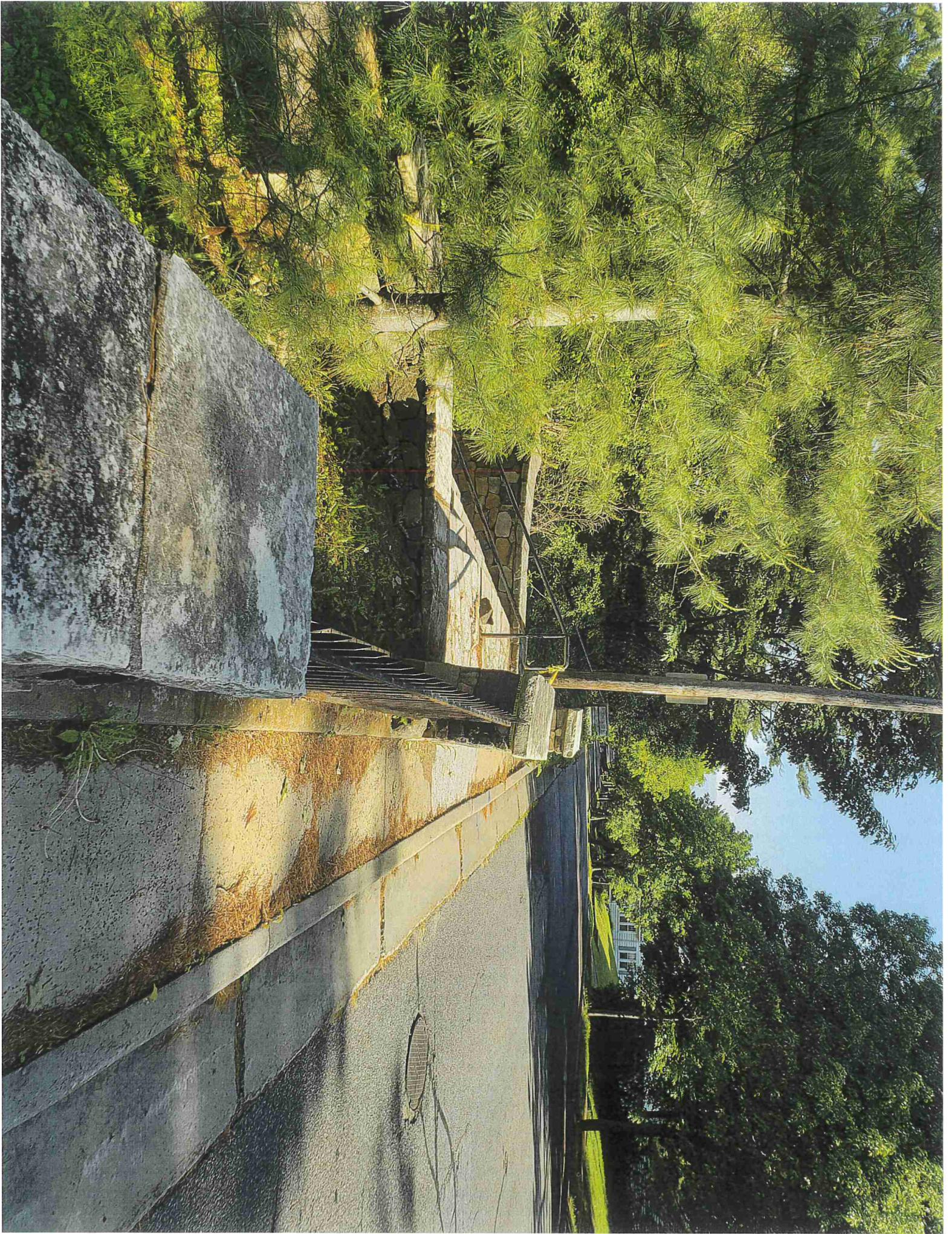
WAST EXAMINS: \$1,500







VILLAGE
ABOVE
PROVE
UP OFF



CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Sylvan Hill Park Parking Lot Reconstruction	Plan Year:	2021
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 2021, construct summer/fall 2021

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

Sylvan Hill Lot



CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Tennis Court Replacement Program	Plan Year:	2021, 2022, 2023
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 - 2021 Alexander Airport Park 2022 Oak Island Park 2023
 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 checked="" 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	2021	2022	2023	2024	2025	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

OPERATING BUDGET IMPACT	2021	2022	2023	2024	2025	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	2021	2022	2023	2024	2025	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 2021-2025

Budget Amt: \$150,000

Start Date: 1/1/1900

Lead Person: Jamie Polley

End Date: 8/30/2023

YEAR 1: 2021 Memorial Park KEY TASK	TIME FRAME (Start/End by Month)											
	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: 2022 Alexander Airport Park KEY TASK	TIME FRAME (Start/End Dates by Month)											
	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:												
Task:												

YEAR 2: 2023 Oak Island Park KEY TASK	TIME FRAME (Start/End Dates by Month)											
	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

PARKS ROLLING STOCK

CITY OF WAUSAU

Capital Improvement Program Request 2021-2025

Project Title:	Park Rolling Stock	Plan Year:	2021
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 2021. Most equipment will be received prior to summer 2021. Installation will occur in late summer 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 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.

2021 EQUIPMENT REPLACEMENT SCHEDULE

EQUIPMENT DESCRIPTION	NEW UNIT DESCRIPTION
2013 Toro Recycle Mower 4000	Similar Unit
2012 Toro Recycle Mower	Similar Unit
2015 Toro Polar Track	Tracked Skid Steer Unit
2007 Vermeer Stump Cutter	Similar Unit
2008 International Dump w/plow and sander	Similar Unit

CITY OF WAUSAU

**STREET
INFRASTRUCTURE**

**CITY OF WAUSAU CAPITAL BUDGET
DETAIL ANALYSIS OF 2021 INFRASTRUCTURE PROJECTS**

ACCT NO.	SPECIAL FUNDING SOURCE	TOTAL REQUEST	Special Funding	DEFERRED TO FUTURE	2021 BUDGET
				YEAR	
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	CO balance		\$ -	\$ -
	72nd Ave Trail Design			\$ 20,000	\$ 20,000
	72nd Ave Trail Real Estate			\$ 30,000	\$ 30,000
	6th Street, Horseshoe Spring Rd to Evergreen	CO balance		\$ -	\$ -
	Stewart Ave, 48th Ave to 72nd Ave design, Phase 1, 30% plans			\$ 250,000	\$ 250,000
	Stewart Ave, 48th Ave to 72nd Ave design OS			\$ 22,000	\$ 22,000
	TOTAL DOT PROJECTS			\$ 322,000	\$ 322,000
STREET IMPROVEMENTS					
	150 232098230				
	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			\$ 1,503,800	\$ 1,503,800
BOULEVARD TREES & LANDSCAPING					
	150 232098237				
	For 2021 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					
	150 232698230				
	Asphalt Paving			\$ 250,000	\$ 250,000
	150 232698236				
	Alley Paving			\$ 25,000	\$ 25,000
	TOTAL ASPHALT OVERLAY AND ALLEY PAVING			\$ 275,000	\$ 275,000
SIDEWALKS					
	150 233098240				
	Annual Sidewalk Replacement Contract			\$ 150,000	\$ 150,000
	150 233098244				
	New Sidewalk (12th Ave, Randolph to Merrill)			\$ 60,000	\$ 60,000
	TOTAL SIDEWALKS			\$ 210,000	\$ 210,000
STREET LIGHTING					
	Eau Claire Boulevard			\$ 60,000	\$ 60,000
	TOTAL STREET LIGHTING			\$ 60,000	\$ 60,000

**CITY OF WAUSAU CAPITAL BUDGET
 DETAIL ANALYSIS OF 2021 INFRASTRUCTURE PROJECTS**

ACCT NO.	SPECIAL FUNDING SOURCE	TOTAL		DEFERRED TO FUTURE	2021 BUDGET
		REQUEST	Special Funding	YEAR	
STORM SEWER					
150 236198250					
	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) SS Replacement	CO balance		\$ -	\$ -
	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, Testing	\$ 5,000		\$ -	\$ 5,000
	Stormwater Coalition Membership	\$ 2,500		\$ -	\$ 2,500
	Wetland Delineation Studies	\$ 5,000		\$ -	\$ 5,000
	Other Costs - DNR fees, Outreach Program, Training	\$ 11,000		\$ -	\$ 11,000
	TOTAL STORM SEWER	\$ 293,500	\$ -	\$ -	\$ 293,500
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	\$ -			\$ -
	River Edge Trail/Washington St RRFB's	\$ 10,000			\$ 10,000
	TOTAL OTHER CAPITAL REPAIRS	\$ 360,000	\$ -	\$ -	\$ 360,000
BRIDGE MAINTENANCE					
	Expansion Joints	CO balance			\$ -
	Concrete Repair	CO balance			\$ -
	TOTAL BRIDGE MAINTENANCE	\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ -	\$ -	\$ -
WATERMANS					
	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		\$ 590,000	\$ 590,000	\$ -
SANITARY SEWER					
	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		\$ 335,000	\$ 335,000	\$ -
	GRAND TOTAL		\$ 3,974,300	\$ 925,000	\$ -
					\$ 3,049,300

2021 STREET RECONSTRUCTION (5 Year Plan)

2021

Eau Claire Blvd	(Grand Ave – West Termini)	\$1,300,000
Emerson Street	(Eau Claire - Kent Street)	\$120,000
Mount View Blvd	(Eau Claire - Kent Street)	\$120,000
Pied Piper Lane	(Eau Claire – Kent Street)	\$120,000

2022

Bertha Street	(Mary Street – Zimmerman Street)	\$1,000,000
4 th Street	(McClellan Street – Scott Street)	\$150,000
4 th Avenue	(Bridge Street – Knox Street)	\$700,000

2023

Ethel Street	(Grand Avenue to Zimmerman Street)	\$1,200,000
Emerson Street	(Lakeview Dr – Eau Claire Blvd)	\$320,000
Jackson Street	(RR Tracks – 12 th Street)	\$400,000

2024

Stark Street	(5 th Street – 12 th Street)	1,200,000
Henrietta Street	(Bellis Street – 13 th Street)	\$600,000
Rosecrans Street	(17 th Avenue – 22 nd Avenue)	\$650,000

2025

See Other Streets listed below.

Other Streets

N. 1 st Avenue	(E. Crabtree Dr – Campus Dr)	\$100,000
N. 1 st Street	(Short St – Dekalb St)	\$190,000
N. 2 nd Street	(Short St – Bridge St)	\$250,000
N. 2 nd Street	(Scott St – McClellan St)	\$100,000
S. 2 nd Street	(Forest St – Division St)	\$80,000
N. 2 nd Avenue	(North Termini – W. Bos Creek Dr)	\$80,000
N. 2 nd Avenue	(E. Randolph St – Lucille St)	\$290,000
N. 2 nd Avenue	(W. Knox St – W. Eldred St)	\$300,000
N. 2 nd Avenue	(W. Bridge St – Elm St)	\$900,000
S. 2 nd Avenue	(Stewart Pl – Garfield Av)	\$170,000
N. 3 rd Avenue	(W. Bos Creek Dr – W. Knox St)	\$1,200,000
S. 3 rd Avenue	(Imm St – Termini)	\$200,000
N. 4 th Avenue	(Merrill Av – Randolph St)	\$420,000
S. 4 th Avenue	(Sherman St – W. Thomas St)	\$440,000
N. 4 th Street	(Hamilton St – Chicago Av)	\$170,000

S. 4 th Street	(River Dr – Forest St)	\$390,000
N. 5 th Street	(North Termini – Winton St)	\$200,000
N. 5 th Avenue	(Oak St – Elm St)	\$700,000
S. 5 th Avenue	(Stewart Av – Elm St)	\$310,000
S. 5 th Avenue	(Garfield Av – West St)	\$200,000
S. 5 th Avenue	(Sherman St – W. Thomas St)	\$500,000
N. 6 th Avenue	(W. Bridge St – Elm St)	\$900,000
S. 6 th Avenue	(Garfield Av – Elm St)	\$520,000
S. 6 th Avenue	(Sherman St – Rosecrans St)	\$220,000
N. 7 th Street	(Parcher St – E. Wausau Av)	\$820,000
N. 7 th Street	(Humboldt Av – E. Bridge St)	\$170,000
N. 7 th Avenue	(W. Strowbridge St – W. Knox St)	\$200,000
N. 7 th Avenue	(W. Union Av – South Termini)	\$340,000
N. 7 th Avenue	(W. Bridge St – Elm St)	\$900,000
S. 7 th Avenue	(Garfield Av – Elm St)	\$520,000
N. 8 th Street	(Hamilton St - E Bridge St)	\$220,000
N. 8 th Avenue	(North Termini – W. Strowbridge St)	\$290,000
N. 8 th Avenue	(W. Knox St – South Termini)	\$500,000
N. 8 th Avenue	(W. Bridge St – Elm St)	\$890,000
S. 8 th Avenue	(West St – Chellis St)	\$1,100,000
N. 9 th Avenue	(W. Strowbridge St – W. Knox St)	\$140,000
N. 9 th Avenue	(W. Wausau Av – Elm St)	\$1,300,000
S. 9 th Avenue	(Callon St – Stewart Av)	\$240,000
S. 9 th Avenue	(Pardee St – West St)	\$140,000
N. 9 th Street	(Spring St – Winton St)	\$510,000
N. 10 th Avenue	(Cedar St – W. Wausau Av)	\$780,000
S. 10 th Avenue	(Callon St – Stewart Av)	\$200,000
N. 10 th Street	(E. Union Av – E. Wausau Av)	\$80,000
N. 10 th Street	(Stark St – McIndoe St)	\$500,000
S. 10 th Street	(Jackson St – Kickbusch St)	\$200,000
N. 11 th Avenue	(Elm St – Cedar St)	\$420,000
S. 11 th Avenue	(Callon St – Stewart Av)	\$200,000
S. 11 th Avenue	(W. Thomas St – Flieth St)	\$750,000
N. 11 th Street	(Sylvan St – E. Crocker St)	\$440,000
N. 11 th Street	(Brown St – South Termini)	\$70,000
N. 11 th Street	(McClellan St – Washington St)	\$340,000
N. 11 th Street	(Jackson St – Kickbush St)	\$220,000
N. 12 th Street	(E. Crocker St – Brown St)	\$700,000
N. 12 th Street	(Forest St – McIndoe St)	\$650,000
N. 12 th Street	(Hamilton St – North Termini)	\$250,000
S. 12 th Street	(Plumer St – McIntosh St)	\$440,000
N. 12 th Avenue	(Merrill Av – W. Randolph St)	\$340,000
N. 12 th Avenue	(Norton St – Nicolet St)	\$200,000
S. 12 th Avenue	(W. Thomas St – Chellis St)	\$440,000
S. 13 th Avenue	(Greenhill Dr – Callon St)	\$100,000
S. 13 th Avenue	(Sherman St – Rosecrans St)	\$200,000

S. 13 th Avenue	(W. Thomas St – Bopf St)	\$180,000
N. 13 th Street	(Stark St – Steuben St)	\$100,000
N. 13 th Street	(Franklin St – Jefferson St)	\$440,000
S. 13 th Street	(Kickbusch St – McIntosh St)	\$440,000
N. 14 th Avenue	(Arlington Ln – W. Randolph St)	\$440,000
N. 14 th Avenue	(Pine St – Elm St)	\$440,000
S. 14 th Avenue	(Sherman St – Rosecrans St)	\$200,000
S. 14 th Avenue	(Chellis St – W. Thomas St)	\$420,000
N. 14 th Street	(Stark St – Steuben St)	\$100,000
N. 14 th Street	(McIndoe St – South Termini)	\$200,000
N. 14 th Street	(Jackson St – North Termini)	\$200,000
N. 15 th Avenue	(Arlington Ln – W. Randolph St)	\$400,000
S. 15 th Avenue	(Rosecrans St – W. Thomas St)	\$120,000
S. 15 th Avenue	(W. Thomas St – Bopf St)	\$140,000
N. 15 th Street	(Park Av – E. Wausau Av)	\$100,000
N. 15 th Street	(Stark St – Steuben St)	\$100,000
N. 16 th Avenue	(Arlington Ln – W. Randolph St)	\$500,000
N. 16 th Avenue	(Brady St – W. Wausau Av)	\$400,000
N. 16 th Avenue	(Norton St – Kenwood Dr)	\$270,000
S. 16 th Avenue	(Sheridan Rd – Sherman St)	\$160,000
S. 16 th Avenue	(W. Thomas St – Bopf St)	\$200,000
N. 16 th Street	(Stark St – E. Hamilton St)	\$180,000
N. 18 th Ave	(Sherman Street – Rosecrans Street)	\$200,000
S. 19 th Avenue	(Sherman St – Rosecrans St)	\$200,000
S. 19 th Avenue	(Bopf St – W. Thomas St)	\$150,000
S. 20 th Avenue	(Sherman St – North Termini)	\$140,000
S. 20 th Avenue	(Rosecans St – Sherman St)	\$150,000
S. 20 th Avenue	(Walnut St – Bopf St)	\$100,000
S. 21 st Avenue	(Nehring St – North Termini)	\$440,000
S. 21 st Avenue	(Sherman St – Rosecrans St)	\$150,000
S. 21 st Place	(Sherman St – Rosecrans St)	\$150,000
S. 21 st Place	(North Termini – Sherman St)	\$240,000
S. 22 nd Avenue	(Helmke St – Nehring St)	\$100,000
S. 22 nd Avenue	(Sherman St – West St)	\$140,000
S. 22 nd Place	(Sherman St – Rosecrans)	\$150,000
S. 22 nd Place	(North Termini – Sherman St)	\$250,000
N. 28 th Avenue	(Westhill Dr – Apple Ln Offset 675 feet)	\$900,000
N. 29 th Avenue	(Maple Hill Dr – W. Wausau Av)	\$370,000
N. 32 nd Avenue	(Seymour Dr – Wildwood Ln)	\$440,000
S. 39 th Avenue	(Stewart Av – Tanglewood Ln)	\$400,000
S. 48 th Avenue	(Sherman St – Packer Dr)	\$440,000
S. 48 th Avenue	(Packer Dr – Sherman St)	\$270,000
S. 54 th Avenue	(Sherman St – Packer Dr)	\$250,000
S. 56 th Avenue	(Stewart Av – South Termini)	\$70,000
S. 80 th Avenue	(Highland Dr – North Termini)	\$420,000
Adams Street	(N. 5 th St – N. 7 th St)	\$340,000

Adams Street	(N. 8 th St – N. 10 th St)	\$340,000
Adams Street	(N. 10 th St – East Termini)	\$110,000
Adolph Street	(Cleveland Ave – East Termini)	\$270,000
Alexander Street	(S. 2 nd Ave – S. 4 th Av)	\$200,000
Ankor Street	(S. 12 th St – East Termini)	\$80,000
Arlington Lane	(N. 18 th Ave – East Termini)	\$35,000
Arlington Lane	(N. 16 th Ave – Merrill Av)	\$240,000
Arthur Avenue	(N. 18 th Av – East Termini)	\$35,000
Augusta Avenue	(N. 6 th St – N. 8 th St)	\$350,000
Bellis Street	(McIntosh St – Jefferson St)	\$900,000
Bellis Street	(Manson St – Single Av)	\$240,000
Birch Street	(N. 6 th St – N. 7 th St)	\$240,000
Bopf Street	(S. 17 th Av – S. 19 th Av)	\$200,000
Broadway Avenue	(STH B51 – Lillie St)	\$1,400,000
Bridge Street	(6 th Street – 10 th Street)	\$680,000
Brown St	(N. 6 th St – N. 13 th St)	\$1,200,000
Bugbee Avenue	(Burek Av – East Termini)	\$750,000
Callon Street	(S. 6 th St – STH B51/S. 1 st Av)	\$500,000
Center Street	(Park Av – E. Wausau Av)	\$120,000
Chellis Street	(S. 11 th Av – S. 12 th Av)	\$140,000
Cherry Street	(W. Wausau Av – Bos Creek Dr)	\$1,400,000
Cherry Street	(E. Oak St – E. Cedar St)	\$180,000
Clark Street	(East Termini – S. 4 th Av)	\$800,000
Clayton Street	(Cherry Street – N. 2 nd Av)	\$150,000
Coel Boulevard	(Ross Ave – Schwebach St)	\$200,000
Cordell Street	(Woods Pl – Lakeview Dr)	\$100,000
Cottage Street	(S. 3 rd Av – West Termini)	\$100,000
E. Crabtree Circle	(E. Crabtree Dr – West Termini)	\$70,000
E. Crabtree Drive	(E. Crabtree Cir – Lenard St)	\$100,000
Crescent Drive	(N. 4 th Ave – W. Randolph St)	\$200,000
Dekalb Street	(N. 2 nd St – N. 4 th St)	\$200,000
Dekalb Street	(N. 10 th St – N. 12 th St)	\$140,000
Division Street	(S. 2 nd St – East Termini)	\$100,000
Division Street	(West Termini – STH B51/Grand Av)	\$70,000
Dunbar Street	(Genrich St – Prospect Av)	\$180,000
W. Eldred Street	(N. 3 rd Av – N. 1 st Av)	\$200,000
Elmwood Boulevard	(Lakeview Dr – South Termini)	\$200,000
Emerson Street	(Lakeview Dr – South Termini)	\$180,000
Fairmount Street	(Broadway Av – Weston Av)	\$200,000
Fleming Street	(Grand Av – Roosevelt St)	\$370,000
Fleming Street	(Weston Av – Mathie St)	\$240,000
Forest Street	(Prospect Av – East Termini)	\$140,000
Forest Street	(Bellis St – N. 12 th St)	\$410,000
Fulton Street	(N. 1 st St – N. 7 th St)	\$1,200,000
Fulton Street	(N. 8 th St – N. 10 th St)	\$270,000
Fulton Street	(N. 15 th St – East Termini)	\$100,000

Garfield Avenue	(S. 17 th Av – S. 19 th Av)	\$250,000
Garfield Avenue	(West Termini – S. 6 th Av)	\$200,000
Garfield Avenue	(S. 4 th Av – S. 3 rd Av)	\$80,000
Garth Street	(Ross Av – North Termini)	\$75,000
Genrich Street	(E. Thomas St – Single Av)	\$340,000
Gilbert Street	(N. 6 th St – N. 7 th St)	\$140,000
Gilbert Street	(N. 10 th St – Malak Cir)	\$500,000
Grant Street	(N. 6 th St – N. 7 th St)	\$100,000
Graves Avenue	(Lillie St – Sturgeon Eddy Rd)	\$200,000
Graves Avenue	(Zimmerman St – Kings Ct)	\$180,000
Gray Place	(Scott St – McClellan St)	\$100,000
Gray Place	(Grant St – Franklin St)	\$100,000
Greenhill Drive	(S. 8 th Av – S. 14 th Av)	\$700,000
Hamilton Street	(N. 5 th St – N. 7 th St)	\$350,000
Helmke Street	(S. 22 nd Ave – S. 24 th Av)	\$270,000
Henrietta Street	(S. Bellis St – S. 13 th St)	\$250,000
Henrietta Street	(Grand Ave – Prospect Av)	\$240,000
Henrietta Street	(Prospect Av – Saint Paul St)	\$240,000
Hillcrest Avenue	(S. 8 th Av – Elm St)	\$400,000
Holub Street	(N. 12 th Av – West Termini)	\$200,000
Hubbill Avenue	(S. 32 nd Av – East Termini)	\$680,000
Humboldt Avenue	(N. 2 nd St – N. 10 th St)	\$1,100,000
Imm Street	(S. 3 rd Av – Lakeview)	\$250,000
Jackson Street	(West Termini – RR Tracks)	\$420,000
Jefferson Street	(N. 6 th St/STH 52 – N. 10 th St)	\$750,000
Kickbusch Street	(Grand Av – East Termini)	\$500,000
King Street	(Broadway Av – North Termini)	\$140,000
Kings Court	(Graves Av – Weston Av)	\$100,000
Knox Street	(Cherry St – N. 3 rd Av)	\$250,000
Kolter Street	(Mathie St – Roosevelt St)	\$150,000
Lake Street	(S. 12 th Av – Madison St)	\$360,000
Lakeview Avenue	(Imm St – Wyatt St)	\$340,000
Lake View Court	(Lake View Dr – East Termini)	\$180,000
Lamont Street	(Weston Av – Kent St)	\$350,000
Lasalle Street	(Grant St – McIndoe St)	\$200,000
Le Messurier Street	(Seymour St – Prospect Av)	\$200,000
Le Messurier Street	(S. Bellis St – S. 13 th St)	\$580,000
Lenard Street	(E. Randolph St – Burns St)	\$270,000
Lenard Street	(E. Campus Dr – E. Crabtree Dr)	\$340,000
Lillie Street	(Broadway Av – St Austin Av)	\$250,000
Lincoln Avenue	(N. 2 nd St – N. 10 th Av)	\$900,000
Lines Street	(Broadway Av – South Termini)	\$160,000
Madison Street	(Madison St {Turn South} – East Termini)	\$300,000
Madison Street	(Bopf St – S. 17 th Av)	\$100,000
Manson Street	(Bellis St – S. 10 th St)	\$100,000
Maple Hill Drive	(N. 28 th Av – N. 29 th Av)	\$140,000

Maple Street	(N. 1 st Av – N. 11th Av)	\$1,000,000
Marshall Street	(Lakeview Dr – Kent St)	\$410,000
Mary Street	(Ethel St – Lake View Ct)	\$180,000
Mathie Street	(Kolter St – Weston Av)	\$230,000
McCleary Street	(Myron St – E. Thomas St)	\$340,000
McClellan Street	(N. 10 th St – East Termini)	\$300,000
McDonald Street	(Grand Ave – Torney Av)	\$180,000
McIndoe Court	(N. 15 th St – East Termini)	\$70,000
McIndoe Street	(N. 6 th St – N. 7 th St)	\$180,000
McIntosh Street	(Seymour St – Bellis St)	\$480,000
Mobile Avenue	(N. 3 rd St – N. 6 th St)	\$200,000
Mobile Avenue	(N. 7 th St – N. 8 th St)	\$180,000
Mount View Blvd	(Kent St – Lakeview Dr.)	\$400,000
Nehring Street	(S. 20 th Av – S. 22 nd Av)	\$200,000
Nicolet Street	(Stevens Dr. – N. 12 th Av)	\$70,000
Nina Avenue	(N. 5 th St – N. 6 th St)	\$140,000
North Hill Road	(N. 10 th St – East Termini)	\$70,000
Norton Street	(Stevens Dr. – N. 12 th Av)	\$180,000
Oak Street	(N. 10 th Av – Cherry St)	\$1,000,000
Oakwood Blvd	(Lakeview Dr. – South Termini)	\$130,000
Oakwood Circle	(Oakwood Blvd – West Termini)	\$70,000
Parcher Street	(N. 6 th St – N. 9 th St Offset 634 feet)	\$140,000
Parcher Street	(N. 9 th St – N. 13 th St)	\$600,000
Pardee Street	(S. 17 th Ave – S. 20 th Av)	\$300,000
Park Ave	(N. 2 nd St – N. 10 th St)	\$1,100,000
Pine Crest Avenue	(Seymour Ln – Wildwood Ln)	\$410,000
Pine Street	(N. 10 th Av – N. 12 th Av)	\$270,000
Pleasant Street	(Grand Av – Garth St)	
		\$140,000
Plumer Street	(East Termini – Grand Av)	\$510,000
Plumer Street	(S. 4 th St – East Termini)	\$180,000
Plumer Street	(S. Bellis St – S. 13 th St)	\$580,000
Porter Street	(S. 1 st Av – S. 3 rd Av)	\$240,000
Porter Street	(S. 17 th Av – S. 19 th Av)	\$340,000
Prospect Avenue	(Townline Rd – McDonald St)	\$150,000
Quaw Street	(N. 2 nd Av – N. 6 th Av)	\$410,000
Quaw Street	(East Termini/N9thAv – West Termini)	\$200,000
Quaw Street	(N. 12 th Av – Stevens Dr)	\$120,000
W. Randolph Street	(Burek – Merrill Av)	\$1,300,000
Rosecrans Street	(S. 13 th Av – 22 nd Pl)	\$900,000
Ross Avenue	(Sturgeon Eddy Rd – Grand Av)	\$950,000
Ruder Street	(Fairmont St – Grand Av)	\$200,000
Ruder Street	(Geisler St – Wisconsin St)	\$200,000
Schwebach Street	(Coel Blvd – West Termini)	\$100,000
Seymour Street	(Kickbusch St – E. Thomas St)	\$540,000
Sheridan Road	(S. 15 th Av – S. 17 th Av)	\$125,000

Sherman Street	(S. 56 th Av – S. 52 nd Av)	\$200,000
Short Street	(N. 1 st St – N. 3 rd St)	\$200,000
Spruce Street	(N. 12 th Av – N. 14 th Av)	\$200,000
Spruce Street	(N. 3 rd Av – N. 10 th Av)	\$700,000
St Austin Av	(Lillie St – Sturgeon Eddy Rd)	\$800,000
Steuben Street	(N. 5 th St – N. 6 th St)	\$140,000
Steuben Street	(N. 15 th St – N. 16 th St)	\$100,000
Stewart Place	(S. 1 st Av – S. 2 nd Av)	\$100,000
W. Strowbridge Street	(Merrill Av – West Termini)	\$500,000
Sumner Street	(Bellis St – S. 10 th St)	\$100,000
Sunset Drive	(N. 12 th Av – Spruce St)	\$350,000
E. Thomas Street	(Grand Av – Genrich St)	\$360,000
E. Thomas Street	(S. 10 th St – West Termini)	\$70,000
W. Thomas Street	(S. 17 th Av – S. 19 th Av)	\$200,000
Torney Avenue	(Townline Rd – McDonald St.)	\$270,000
E. Union Avenue	(N. 1 st Av – Cherry St)	\$90,000
E. Union Avenue	(N. 8 th St – N. 10 th St)	\$300,000
W. Union Avenue	(N. 8 th Av – N. 10 th Av)	\$200,000
Walnut Street	(S. 20 th Av – S. 17 th Av)	\$300,000
Washington Street	(N. 7 th St – N. 6 th St)	\$160,000
W. Wausau Avenue	(N. 16 th Av – N. 10 th Av)	\$700,000
W. Wausau Avenue	(N. 1 st Av – Cherry St)	\$140,000
West Street	(21 st Pl – S. 22 nd Av)	\$200,000
Weston Avenue	(Grand Av – Lillie St)	\$1,300,000
Wisconsin Street	(Kolter St – Ruder St)	\$70,000
Young Street	(Prospect Av – East Termini)	\$240,000
Zimmerman Street	(Ross Av – Kent St)	\$100,000

Sum Total of Other Streets: Approx. \$90 Million

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

CITY OF WAUSAU

WATER UTILITY

WAUSAU WATER WORKS - DRINKING WATER DIVISION DATE 07/01/20							
2021-2025 CAPITAL PLAN (CAPITAL)							
IMPROVEMENTS/PROJECTS	2021-2025	SOURCE	2021	2022	2023	2024	2025
WATER TREATMENT PLANT							
PLANT ENGRG/DESIGN/BIDDING/MNGMT	\$0	BORROW					
DWTF CONSTRUCTION	\$0	BORROW					
Cost Allocations	\$0	BORROW					
SUBTOTAL	\$0		\$0	\$0	\$0	\$0	\$0
TOWERS/RESERVOIRS/BOOSTER STATIONS							
GENERATOR - ONSITE (\$240K)	\$240,000	BORROW		240,000			
SCADA UPGRADES - BOOSTER STNS (\$360K)	\$360,000	BORROW	0	0		360,000	
MONROE BOOSTER STATION RECONSTRUCTION	\$500,000	BORROW			500,000		
SUBTOTAL	\$1,100,000		\$0	\$240,000	\$500,000	\$360,000	\$0
WELLS							
FUTURE WELL	\$650,000	BORROW					\$650,000
SUBTOTAL	\$650,000		\$0	\$0	\$0	\$0	\$650,000
TOOLS, SHOP AND GARAGE							
BACKHOE REPLACEMENT	\$125,000	BORROW		125,000			
SUBTOTAL	\$125,000		\$0	\$125,000	\$0	\$0	\$0
DISTRIBUTION/SUPPLY MAINS							
<u>Street Projects</u>							
Kickbusch St (Bellis to 13th St)	\$0	BORROW					
Cedar Street, 7th Ave to 14th Ave	\$0	BORROW					
Emerson Street, EauClaire to Kent	\$20,000	BORROW	\$20,000				
Mount View Blvd., EauClaire to Kent	\$20,000	BORROW	\$20,000				
Pied Piper Lane, EC to Kent	\$40,000	BORROW	\$40,000				
Eau Claire BLVD	\$510,000	BORROW	\$510,000				
8th Street (Hamilton- Bridge)	\$0	BORROW					
Bertha St (Mary to Zimmerman)	\$0	BORROW	\$0				
Ethel Street (Grand Ave - Zimmerman St)	\$468,000	BORROW	\$0			\$468,000	
4th St (McClellan St- Scott St)	\$40,000	BORROW	\$0	\$40,000			
Jackson St (Rrtracks o 12th St)	\$225,000	BORROW		\$0	\$225,000		
Stark St (5th St- 122th St)	\$0	OP FUNDS		\$0	\$0		
Bugbee Ave (Burek Ave - Tiernaey Rd)	\$293,000	BORROW		\$293,000			
Hennrietta St (Bellis St - 13th St)	\$260,000	BORROW			\$260,000		
4th Ave (Bridge St - Knox St)	\$345,000	BORROW			\$0		\$345,000
Burek & Campus	\$550,000	BORROW		\$550,000			
Rosecrans (17th Ave - 22nd Ave)	\$120,000	BORROW		\$120,000	\$0		
SUBTOTAL	\$2,891,000		\$590,000	\$1,003,000	\$485,000	\$468,000	\$345,000
<u>General Distribution Projects</u>							
STEWART AVE LOOPING-12"-60/68 AVE	\$315,000	BORROW				315,000	
LOOPING MAIN 10"- FRANKLIN ST TO HAMILTON	\$200,000	BORROW					200,000
Looping main Stettin Dr. Stewart to the Park	\$160,000	BORROW			\$160,000		
LOOPING MAIN STETTIN DRIVE, 48TH AVE TO 52	\$260,000	BORROW			\$130,000	\$130,000	
ELM ST (14TH- 17TH AVE) 17th Elm N. to HWY	\$450,000	BORROW	\$450,000				
17TH AVE LINING (ELM South to Stewart)	\$220,000	BORROW					220,000
MISC EXTENSIONS	\$750,000	BORROW	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
SUBTOTAL	\$2,355,000		\$600,000	\$150,000	\$440,000	\$595,000	\$570,000
TOTAL CAPITAL	\$7,121,000		\$1,190,000	\$1,518,000	\$1,425,000	\$1,423,000	\$1,565,000
CUMULITIVE CAPITAL			\$45,573,086	\$47,091,086	\$48,516,086	\$49,939,086	\$51,504,086
WATER CIP FUNDING							
			2021	2022	2023	2024	2025
		OP FUNDS	\$0	\$0	\$0	\$0	\$0
		BORROW	\$1,190,000	\$1,518,000	\$1,425,000	\$1,423,000	\$1,565,000
		TOTAL	\$1,190,000	\$1,518,000	\$1,425,000	\$1,423,000	\$1,565,000

WAUSAU WATER WORKS - DRINKING WATER DIVISION		DATE 07/01/20					
2021-2025 CAPITAL PLAN (OPERATING)							
IMPROVEMENTS/PROJECTS	COST EST 2020-2024	FUND SOURCE	2021	2022	2023	2024	2025
TOWERS/RESERVOIRS/BOOSTER STATIONS							
RESERVOIR INSPECTIONS	\$40,000	OP FUNDS				40,000	
RESERVOIR INTER/EXTER COATINGS & MAINT	\$1,000,000	OP FUNDS	180,000	310,000	180,000	180,000	150,000
SUBTOTAL	\$1,040,000		\$180,000	\$310,000	\$180,000	\$220,000	\$150,000
BUILDINGS AND STRUCTURES							
WELL HOUSES - UPGRADES	\$200,000	OP FUNDS	40,000	40,000	40,000	40,000	40,000
BOOSTER STATIONS - UPGRADES	\$375,000	OP FUNDS	75,000	75,000	75,000	75,000	75,000
SUBTOTAL	\$575,000		\$115,000	\$115,000	\$115,000	\$115,000	\$115,000
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
SUBTOTAL	\$2,100,000		\$420,000	\$420,000	\$420,000	\$420,000	\$420,000
TRANSPORTATION EQUIPMENT - VEHICLES							
LIGHT DUTY TRUCK	\$215,000	OP FUNDS	55,000	40,000	40,000	40,000	40,000
SUBTOTAL	\$215,000		\$55,000	\$40,000	\$40,000	\$40,000	\$40,000
TOOLS, SHOP AND GARAGE							
Forklift	\$40,000			40,000			
HURCO (ADDITIONAL AND REPLACEMENT)	\$80,000	OP FUNDS	80,000				
SUBTOTAL	\$120,000		\$80,000	\$40,000	\$0	\$0	\$0
TOTAL CAPITAL	\$4,050,000		\$850,000	\$925,000	\$755,000	\$795,000	\$725,000
CUMULITIVE CAPITAL			\$1,470,000	\$2,395,000	\$3,150,000	\$3,945,000	\$4,670,000
WATER CIP FUNDING							
			2021	2022	2023	2024	2025
		OP FUNDS	\$850,000	\$925,000	\$755,000	\$795,000	\$725,000
		BORROW	\$0	\$0	\$0	\$0	\$0
		TOTAL	\$850,000	\$925,000	\$755,000	\$795,000	\$725,000

CITY OF WAUSAU

SEWER UTILITY

**WAUSAU WATER WORKS - WASTEWATER DIVISION
2021-2025 CAPITAL PLAN**

DATE 07/01/2020

IMPROVEMENTS/PROJECTS	COST EST 2021-2025	FUND SOURCE	2021	2022	2023	2024	2025
SEWER TREATMENT PLANT							
Engineering & Construction Management DWTF	5,328,125	BORROW	5,328,125				
WWTF Construction	36,550,000	BORROW	36,550,000				
Plant ENGRG/DESIGN/BIDDING/MNGMT	0	BORROW					
Subtotal	41,878,125		41,878,125	-	-	-	-
SEWER LIFT STATIONS							
Airport Lift Station Bar Screen, pumps, and generator	\$525,000	BORROW				\$525,000	
Northwestern LS Check Valves, Electrical, Pumps, Piggings	\$305,000	BORROW	\$205,000	\$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	BORROW	\$300,000				
Cherry Street LS & FM Upgrades	\$520,000	BORROW	\$320,000		\$200,000		
Stettin Dr LS Rehab	\$250,000	BORROW	\$250,000				
Packer Drive	\$100,000	BORROW				\$100,000	
24th & 44th Ave LS Upgrades	\$60,000	BORROW			\$60,000		
Trails End LS Forcemain, Control Panel	\$175,000	BORROW		\$175,000			
Lift Station Cellular Communications	\$25,000	BORROW	\$25,000				
SCADA Upgrades	200,000	BORROW			100,000	100,000	
Lift Station Ind Park Pump and Controls \$600K	0	BORROW					
Industrial Park LS Parallel Force Main	300,000	BORROW	0	300,000		0	
Crocker St. \$200K	0	BORROW					
Townline Lift Station	180,000	BORROW					180,000
Subtotal	3,165,000		1,175,000	725,000	360,000	725,000	180,000
TRANSPORTATION/EQUIPMENT							
Jetter	-	BORROW					
Loader	175,000	BORROW	175,000				
Fork Lift	20,000	BORROW	20,000				
Rodder Truck	60,000	BORROW	60,000				
Dump truck	164,000	BORROW		82,000		82,000	
TV truck	240,000	BORROW		240,000			
Slinger	175,000	BORROW			175,000		
Subtotal	834,000		255,000	322,000	175,000	82,000	-
Street Projects							
Kickbusch St (Bellis to 13th St)	-	BORROW					
Eau Claire Blvd, Grand to West Terminal	280,000	BORROW	280,000				
Bertha St (Mary to Zimmerman)	240,000	BORROW			240,000		
Subtotal	520,000		280,000	-	240,000	-	-
Proposed Developments/Extensions							
Northwestern Avenue (Higgenbotham)	120,000	BORROW		120,000			
Greenwood Hills Phase 2- Developer schedule unknown	-	BORROW					
Subtotal	120,000		-	120,000	-	-	-
Sewer Collection System Projects							
Stewart Avenue Force Main	1,500,000	BORROW			1,500,000		
River Crossings Construction	-	BORROW					
Unanticipated Sewer Projects	1,500,000	BORROW	300,000	300,000	300,000	300,000	300,000
Subtotal	3,000,000		300,000	300,000	1,800,000	300,000	300,000
TOTAL PLANNED CAPITAL EXPENDITURES	49,517,125		43,888,125	1,467,000	2,575,000	1,107,000	480,000
TOTAL PLANT & COLLECTION ONLY			43,353,125	1,025,000	2,160,000	1,025,000	480,000
CUMULATIVE FULL UPGRADE			92,836,348	94,303,348	96,878,348	97,985,348	98,465,348

SEWER CIP FUNDING

	2021	2022	2023	2024	2025
OP FUNDS	\$0	\$0	\$0	\$0	\$0
BORROW	\$43,888,125	\$1,467,000	\$2,575,000	\$1,107,000	\$480,000
TOTAL	\$43,888,125	\$1,467,000	\$2,575,000	\$1,107,000	\$480,000
SDWFL	-40,000,000	0			
NET BORROW	3,888,125	1,467,000			

**WAUSAU WATER WORKS - WASTEWATER DIVISION
2021-2025 CAPITAL PLAN**

DATE 07/01/2020

IMPROVEMENTS/PROJECTS	COST EST 2021-2025	FUND SOURCE	2021	2022	2023	2024	2025	
SEWER TREATMENT PLANT								
Asset/O&M Management	\$250,000	OP FUNDS	50,000	200,000				
Subtotal	250,000		50,000	200,000	-	-	-	
SEWER LIFT STATIONS								
LS Engineering & facility plan	\$0	OP FUNDS						
Lift Station Access	\$70,000	OP FUNDS	\$70,000					
Backup Generator Upgrades	0	OP FUNDS						
Lift Station Forcemain Cleaning \$100K	100,000	OP FUNDS			100,000			
Subtotal	170,000		70,000	-	100,000	-	-	
Street Projects								
Cedar Street, 7th Ave t 14th Ave	-	OP FUNDS						
Emerson Street, Eau Calaire Blvd to Kent	30,000	OP FUNDS	30,000					
Mount View Blvd, Eau Claire Blvd to Kent	25,000	OP FUNDS	25,000					
Ethel Street (Grand Ave - Zimmerman St)	360,000	OP FUNDS					360,000	
4th St (McClellan St - Scott St)	60,000	OP FUNDS		60,000				
Bugbee Ave (Burek Ave - Tierney Rd)	100,000	OP FUNDS		100,000				
4th Ave (Bridge St - Knox St)	-	OP FUNDS				0	320,000	
Rosecrans (17th Ave - 22nd Ave, 24" intrcptr)	160,000	OP FUNDS		160,000				
Subtotal	735,000		55,000	320,000	-	-	680,000	
Proposed Developments/Extensions								
Subtotal	-		-	-	-	-	-	
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 Pigging and Cleaning	360,000	OP FUNDS	120,000		120,000		120,000	
Interceptor Line H2S Rprs	500,000	OP FUNDS				500,000		
I&I Grouting and Repairs	500,000	OP FUNDS	100,000	100,000	100,000	100,000	100,000	
Subtotal	3,485,000		645,000	525,000	645,000	1,025,000	645,000	
TOTAL PLANNED CAPITAL EXPENDITURES			4,640,000	820,000	1,045,000	745,000	1,025,000	1,325,000
TOTAL PLANT & COLLECTION ONLY				765,000	725,000	745,000	1,025,000	645,000
CUMULATIVE FULL UPGRADE				2,476,704	3,521,704	4,266,704	5,291,704	6,616,704

SEWER CIP FUNDING

	2021	2022	2023	2024	2025
OP FUNDS	\$820,000	\$1,045,000	\$745,000	\$1,025,000	\$1,325,000
BORROW	\$0	\$0	\$0	\$0	\$0
TOTAL	\$820,000	\$1,045,000	\$745,000	\$1,025,000	\$1,325,000