

# CITY OF WAUSAU

## Capital Improvement Program Planning 2018



Date 7-21-17

**CAPITAL IMPROVEMENT PROGRAM  
2018 REQUEST SUMMARY**

07/21/2017

CAPITAL REQUESTS	Dept	PROJECT	Other Funds	Funding Description	CIP REQUEST
Apron Concrete Repair	Airport	\$25,000			\$25,000
T-Hanger 1-10 Maintenance	Airport	\$65,000			\$65,000
Community Dvlpmt Loan Tracking Sfw	CCIT-Finance	\$45,000			\$45,000
Replace Municipal Court Application	CCIT-MuniCrt	\$93,000			\$93,000
Council Voting and Agenda System	CCIT-CityClerk	\$35,000			\$35,000
Special Assessment & POS Sfw	CCIT-Finance	\$90,000			\$90,000
Metro Ride Bus Video Replacement	CCIT-MetroRd	\$95,000			\$95,000
Fire Analysis First Watch	CCIT-Fire	\$63,176			\$63,176
Disaster Recovery Planning	CCIT	\$37,500			\$37,500
Community Video Cameras	CCIT-Police	\$40,000			\$40,000
Agenda Meeting Mgmt Sfw	CCIT-CityClerk	\$35,000			\$35,000
Route Optimization Software	DPW-StrtMnt	\$80,000			\$80,000
Sign Shop Upgrades	DPW-StrtMnt	\$32,000			\$32,000
Carport	DPW-StrtMnt	\$45,000			\$45,000
Land Purchase-current	DPW-StrtMnt	\$68,000			\$68,000
Airport hanger 3 door replacement	DPW-Arprt	\$135,000			\$135,000
Airport Building Renovation Study	DPW-Arprt	\$25,000			\$25,000
Fuel System Upgrades-tank monitor/canopy	DPW-Facilities	\$35,000	\$35,000	Motor Pool Funding	\$0
DPW Roof Repairs	DPW-Facilities	\$200,000			\$200,000
DPW Heater Replacement	DPW-Facilities	\$30,000			\$30,000
Purchase Leaf Baler	DPW-Facilities	\$80,000			\$80,000
Fitness Equipment	Fire	\$25,000			\$25,000
Knox Box Security System	Fire	\$20,000			\$20,000
Public Safety Improvements	Maintenance	\$54,000			\$54,000
Public Safety Boilers	Maintenance	\$80,000			\$80,000
Tennis Court Replacement	Parks	\$50,000			\$50,000
Stewart Park Masonry Repair	Parks	\$60,000			\$60,000
Memorial Park Seawall	Parks	\$117,500			\$117,500
Playground Equipment	Parks	\$75,000			\$75,000
Police Radios - Portable Motorola	Police	\$117,000			\$117,000
New Buses	Transit	\$3,027,769	\$2,422,215	State/Fed Grants	\$605,554
Roof Rehab	Transit	\$184,040			\$184,040
					\$0
		<b>\$5,163,985</b>	<b>\$2,457,215</b>		<b>\$2,706,770</b>

Other Funding Sources		PROJECT	Other Funds	Description	CIP REQUEST
Park Rolling Stock	Park	\$173,460	\$173,460	50% Mrthn Cnty, 50% Motor Pool	\$0
Motor Pool Vehicle Replacement	Motor Pool	\$1,619,487	\$1,619,487	Motor Pool Funding	\$0
Motor Pool Vehicle Leases	Motor Pool	\$170,541	\$170,541	Motor Pool Funding	\$0
Infrastructure Projects-2018	Infrastructure	\$4,413,300	\$1,500,555	Infrastructure Special Funding + Speci	\$2,912,745
		<b>\$6,376,788</b>	<b>\$3,464,043</b>		<b>\$2,912,745</b>

Total Funding Requests      **\$11,540,773**      **\$5,921,258**      **\$5,619,515**

Capital Plan:

Resources

General Property Tax Levy      560,000

CIP Debt Issue      2,500,000

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

**Shortfall**      **(\$2,559,515)**

**CITY OF WAUSAU**

**AIRPORT**

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

<b>CIP REQUESTS- CURRENT YEAR</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1 Apron Concrete Repair	Facility	25,000					25,000
2 T-Hanger 1-10 Maintenance	Facility	65,000					65,000
3							-
4							-
5							-
6							-
		\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000

<b>CIP FORECAST- FUTURE YEARS PLANNING</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1 Construct emergency access perimeter inspection road (\$2.4M Grants)	Facility		3,000,000				3,000,000
2 Jet A Fuel Farm Upgrade & Tank Monitor Install	Facility		159,575				159,575
3 Hangar #3 Door Replacement	Facility			150,000			150,000
4 Runway/Taxiway signage & Light LED Retrofit (\$360K Grants)	Equip				400,000		400,000
5 East Hangar Development Area - Phase II (\$475K Grants)	Facility					500,000	500,000
6 Relocate KAUW ASOS Equipment (\$142.5K Grants)	Equip					150,000	150,000
		\$ -	\$ 3,159,575	\$ 150,000	\$ 400,000	\$ 650,000	\$ 4,359,575

## Wausau Downtown Airport 6-Year Plan Project Proposal 2017

Project	Year	Cost	Remarks	Additional Funding
T-hangar 1-10 Maintenance	2018	\$65,000	Various preventative maintenance issues which will extend building usefulness 8-10 years	No
Concrete Apron Repair	2018	\$25,000	Repairing cracks now avoids \$1.2M reconstruction later	No
Emergency Access/Perimeter Inspection Road	2019	\$2,000,000 Local: 20% FAA: 80%	Starting river NE side of rwy 13 around to Radtke park 12,700' x 25	Yes, Non-FAA Alternate funding may be available
Jet A Fuel Farm Upgrade & Tank Monitor Install	2019	\$159,558	Regulation Mandates Upgrades	No
Corporate Hangar #3 Door Replacement	2020	\$300,000?	Last door repair done in 2012 was meant to give door another 3 years life. Schweiss retrofit may be less	No
Runway/Taxiway Signage-LED Lighting Retrofit	2021	\$400,000 Local: 5% State: 5% FAA: 90%	Reduces annual operating utility costs	Yes Maybe WPS credits
Relocate KAUW ASOS Equipment	2022	\$150,000 Local: 5% State: 5% FAA: 90%	If this needs to be relocated because of the hangar development or turf runway, it would be GA Ent &/or AIP eligible, otherwise not eligible	Yes Alternate funding may be available
East Hangar Development Area Phase II Install: sewer/water, utilities, taxiway installation east hangar road installation	2022	\$500,000 Local: 5% State: 5% FAA: 90%	Year depends on demand for private hangar construction	Yes
Runway 5/23 Reconstruction/Re-Design 5/23 Runway Lighting System/PAPI/	2023	\$2,000,000 Local: 5% State: 5% FAA: 90%	runway is only eligible for 60' wide est. \$1,300,000 + \$700,000 for lighting	Yes
Runway 13/31 Reconstruction	2024	\$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
Airport Snow Removal Vehicle	2025	\$400,000 Local: 5% State: 5% FAA: 90%	As necessary	Yes
Parking Lot Expansion & Repave	2028	\$300,000 Local: 5% State: 5% FAA: 90%	The resurfacing project that City Engineering is doing in 2018 should have a 10 year life span	Yes

Current Financial Status Wisconsin Bureau of Aeronautics according to Matt Messina:

FAA/GA Entitlement Money

2016 --- \$150,000 reserved for East Hangar Development Phase I

2017 --- \$150,000 reserved for East Hangar Development Phase I

FAA State Apportionment Funding will be reserved for the remainder of Phase I

CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
Dept: AIRPORT

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE	ACTUAL SCORE
	0 points	1-5 points	6-10 points	Concrete Apron Repair \$25,000	T Hanger 1-10 Maint \$65,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	5	5
Public Health and Safety	Project has no impact on existing health or safety issues.	Project would improve non-critical or non-urgent health or safety issues.	Project addresses immediate continual safety or health hazards or needs.	7	5
Mandates or Other Legal Requirements	Project is not mandated or required by legal obligations.	Project would address anticipated mandates or legal obligations.	Project is mandated or required due to legal obligations.	0	0
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	7	5
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	0	0
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	6	2
Public Perception of Need	The project has not been identified by the citizens as a need.	The project has been identified by the citizens as a need but lacks strong or overwhelming support.	Project has strong citizen and political support.	5	3
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	0
Supports Economic Development	Project would discourage or directly prevent private capital investment, decrease the tax base, decrease property valuation, or decrease local job opportunities.	Project would have no impact on private capital investment, the tax base, valuation or local job opportunities.	Project would directly result in private capital investment, increased tax base, increased valuation or improved local job opportunities.	3	3
Environmental Quality	Project would have a negative effect on the environmental quality of the city.	Project would not affect the environmental quality of the city.	Project would improve the sustainability of the environment.	3	3
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.	8	8
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.	3	3
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	8
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

Total 59 50

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title: <b>Apron concrete repair</b>	Plan Year: <b>2018</b>
Classification: <b>construction/maintenance</b>	Department: <b>Airport</b>
Priority: <b>high</b>	Contact Name: <b>John P. Chmiel</b>
Useful Life: <b>30+ years</b>	

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

The concrete apron on the airport will cost \$1.2M to replace when it is at the end of its useful life. It in our best interests to repair any cracks in this surface to maintain it's integrity. The concrete in this area is re-enforced and it is very thick to accommodate very heavy large aircraft. The asphalt part of the ramp was crack sealed in 2017.

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

Design: spring 2018 Bids: May 2018 Implement: June 2018 Completion: July 2018

### PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input checked="" type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input checked="" type="checkbox"/> Contributes to a safe community
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### 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 100% local since all of our FAA funding for 2018 is being used for the East Hangar Development Area project.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	T-hangar 1-10 maintenance	Plan Year:	2018
Classification:	design/engineering/demolition/construction	Department:	Airport
Priority:	medium	Contact Name:	John P. Chmiel
Useful Life:	15+ years		

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

T-Hangar 1-10 is a building with 10 individual hangar units. It was constructed in 1952. Concerns about it's integrity and useful life were put to rest after a structural engineer from Becher Hoppe inspected the building. The result was that if we performed some upgrades we could get an additional 10 years out of the building. Upgrades will include applying a sealcoat to the roof, maintenance to the door systems, and misc. maintenance to the siding and structure.

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

This project will be completed by DPW in 2018

### 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 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 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 building is 62 years old this year. It is operating at 100 % occupancy. It is the "budget" T-hangar at the airport. Wind events in our area in 2011 prompted review of the building. We want to make sure of the building's integrity to protect our tenant's aircraft.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

This row of hangars is operating at 100 % occupancy. It is the "budget" T-hangar at the airport. If we defer these issues the building will have to be torn down sooner rather than later. Loss of this building would mean that we lose 25% of our T-hangar space at the airport. City T-hangars are a requirement for a successful airport. Aircraft based at the airport help pay the expenses of operating the airport through hangar rental and fuel sales. This row of hangars produces \$11,000+ worth of hangar revenue annually. To replace these hangars the City will either need to invest in a new building or find a private investor to build a replacement.

### RETURN ON INVESTMENT

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

T-Hangar 1-10 is a building with 10 individual hangar units. Concerns about it's integrity and useful life were put to rest after a structural engineer from Becher Hoppe inspected the building. The result was that if we performed some upgrades we could get an additional 10 years out of the building. Upgrades will include applying a sealcoat to the roof, maintenance to the door systems, and misc. maintenance to the siding and structure. This row of hangars can produce \$11,000+ worth of hangar revenue annually for an additional 10 years.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Construct emergency access perimeter inspection road	Plan Year:	2019
Classification:	design/engineering/construction	Department:	Airport
Priority:	high	Contact Name:	John P. Chmiel
Useful Life:	40+ years		

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

Construction of a road 25 ft. X 7000 ft. of gravel/granite, from Radtke Point Park to the Marathon County Building. The road would be located along the shore of Lake Wausau, below the tree line, outside the perimeter fence. The project involves locating the area, removing existing trees, preparing the area and constructing the road. This could later be considered for use as part of the River's Edge Walk. The projected cost has increase since there are (2) Runway Protection Zones along the trail. If we are granted FAA permission to use this area as a dual purpose road, pedestrians will need to be protected in these areas in case of an aircraft accident. Culverts large enough for trail users to walk through in these areas has been a proposed solution. The cost of the project has be increased to consider this.

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

This project could be phased over several years, but if outside funding was available it would be nice to just get it done. Design begins November 2018. Bid April 2019. Construction June 2019. Completion October 2019

### 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 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 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 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

An airplane accident outside the perimeter fence area in 2013 reinforced the need for this road. This road will enhance safety in the case of an aircraft accident outside the perimeter fence. Today, if an accident occurs outside the perimeter fence there is no way for emergency crews to efficiently respond in the area, and no way to get emergency equipment to an accident sight outside the fence. This road will decrease the ongoing cost of tree removal along Lake Wausau. Trees are removed periodically in this area to provide clearance for runway 13/31 which is mandated by the FAA. Any trees in this area are difficult/expensive to remove after they are cut since the terrain is on a steep incline. A road will greatly reduce the cost of this annual maintenance project. If granted permission by the FAA to use this as a "dual purpose road", this could be used as part of the River's Edge Trail. This will be an airport and community attraction. The general public will have greater exposure not only along the River's Edge but also see the airport from a different vantage and allow people to see the important asset that the airport is to Wausau.

If an aircraft accident occurs in this area prior to construction of the inspection road, access to the accident scene will be limited. Safety will be compromised for both the rescue crew and the occupants of the downed 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

If federal funding is available for this project it may be available on an 80/20 basis. Typically a perimeter road scores low on the state priority scale, so FAA funding is only a slim opportunity. If an agreement can be made with Park's Department to use the road as part of the River's Edge trail, a lease agreement would include maintenance of the trees in the area to Part 77 standard by Park's Department at their cost, thereby reducing the cost of this maintenance to the airport.



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Jet A Fuel Farm Upgrade & Tank Monitor Install	Plan Year:	2019
Classification:	planning/design/reconstruction	Department:	Airport
Priority:	high	Contact Name:	John P. Chmiel
Useful Life:	30 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Replacement of jet A fuel farm pumping system and fuel farm monitoring system to comply with federal mandates by 2020. The fuel farm requires improved spill protection and better filtration system for water.

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

January- March design and planning. April-May bid. June-October installation.

### 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 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**

Current system does not comply with regulations. We have no choice with federal mandates. 2020 is the deadline.

### 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.**

Jet A and other fuel sales are a major portion of revenue for not only the fixed base operator but also the airport/City of Wausau. Many of the aircraft which use the airport are Jet/turbine equipped aircraft. Without a viable source for fuel, these aircraft will no longer use the airport.

### 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 are no outside sources for funding of this project



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title: <b>Hangar #3 Door Replacement</b>	Plan Year: <b>2020</b>
Classification: <b>Replacement</b>	Department: <b>Airport</b>
Priority: <b>medium</b>	Contact Name: <b>John P. Chmiel</b>
Useful Life: <b>30 years</b>	

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

The door on corporate hangar #3 that we open to remove & replace aircraft will require replacement. The door is 80 feet wide and opens to a height of nearly 30 feet. Hangar #4 was replaced because of an insurance claim the winter of 2014. We expect to replace hangar #3 with the same Schweiss Door system. Cost of the replacement door this year is \$150,000. Retrofitting the current door with the Schweiss system is \$45,000, but the City would have to find an independent contractor to do the work. A new door is warranted by Schweiss.

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

### PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input 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 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
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### PROJECT OR PURCHASE JUSTIFICATION

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

This door required major maintenance in 2017. The original door manufacturer is now out of business. It has many moving parts and when something does break it takes some searching for replacement parts. They are steel bi-fold doors operated by a cable & pulley system and the door will be 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.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

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

### RETURN ON INVESTMENT

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

There is no state or federal funding available for this project. This hangar is a major revenue producer for the airport. The aircraft sheltered in this hangar 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.



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Runway/Taxiway signage & Light LED Retrofit	Plan Year:	2021
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 current lighting system at the airport is incandescent lighting. We would like to replace this with LED lighting. LED taxiway lights are currently approved while runway lights are not, yet. 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)

October-December 2020 design and planning. Jan-Mar 2021 bid. Apr-May 2021 construction.

### 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.

### 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

### 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 investing 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 2018-2022

Project Title:	East Hangar Development Area - Phase II	Plan Year:	2022
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 the east apron to runway 5/23. Private hangar construction on leased airport land is a major source of income for the airport/City. 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. Once phase I of the east hangar development area is nearly full there will be an increased demand for hangar construction within the phase II area. The project includes extension and installation of utilities to serve hangars, an access road, vehicle security gate, taxiway, and ramp construction.

### 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 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 to the east. Without this expansion, private hangar development will be halted. The revenue created by private hangar construction should go a long way to reducing and possibly eliminated the tax levy for the airport operating budget. The need for construction of this taxiway beyond the phase one area will depend on how quickly the current hangar locations are committed. 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.

### 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 GA Entitlement funding from the FAA. There could be FAA funding available for this project in 2020. 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 2018-2022

Project Title:	Relocate KAUW ASOS Equipment	Plan Year:	2022
Classification:		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 ASOS (Automated Surface Observation System) is the weather reporting system installed at the airport used by pilots, the FAA, and the National Weather Service. As hangar development takes place in the East Hangar Development Area, we expect buildings to encroach on the area surrounding the weather detection equipment. In order for hangar development to continue and not interfere with the ASOS facility, the equipment is being proposed to be moved to a suitable location that will not interfere with hangar development. A suitable location has been found.

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

### PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/>	Addresses critical health or safety hazard.	<input type="checkbox"/>	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

Hangar development is why the East Hangar Development Area was created. If future development could interfere with the ASOS, FAA will prohibit the hangar development. We can locate the ASOS in an area which will not interfere with future hangar development, AND it will allow the airport to install an official grass runway. We will be one of the few airports in the state with an official grass runway. This should make the Wausau Airport an attraction for aviation enthusiasts and a way to promote our community within the aviation community. Moving the ASOS will allow future private hangar development which is a major source of revenue for the City. If enough private hangars are constructed on the airport, our goal is to put the airport operating budget in the black.

### 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. An FAA official grass runway could attract flight training activity. A grass runway is a feature that could attract more aircraft owners who would want to be based at Wausau over other airports.

### RETURN ON INVESTMENT

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

There is no state or federal funding available for this project. This hangar is a major revenue producer for the airport. The aircraft sheltered in this hangar 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.



# CITY OF WAUSAU

CCIT



### Combined Technology Capital Requests 2018

Priority	Project	Customer	Department	Description	PM	Cost Estimate	Funding Source
1	Community Development Loans (Resubmit)	City	Community Development	Replace COBOL program with modern software to create loan documents, track loan payments and loan requirements		\$45,000	CIP
2	Municipal Courts (Resubmit)	City	Municipal Courts	Replace COBOL program to track municipal fines and court dates	Julie	\$93,000	CIP
3	City Voting for Council (Resubmit)	City	Clerk Customer Service	Replace antiquated Visual Basic program in Council Chambers to track voting by Council Members	Julie	\$35,000	CIP
4	Special Assessments	City	Finance		Julie	\$90,000	
5	Metro Ride Video Replacement for Busses	City	Metro Ride	The busses currently have VHS and very old DVR camera systems that need to be replaced with modern technology	Julie	\$95,000	CIP
6	Fire Analysis First Watch	City	Fire Department	Fire department data analysis tool for statistical analysis of various fire and EMS data necessary to make NPFA1710 accreditation	Rick	\$63,176	CIP
7	Disaster Recovery Planning for City Employees and Facilities	City	All Departments	Hire a consultant to develop a plan for a disaster that strikes City facilities such as the City Hall and Public Safety Buildings	John	\$37,500	CIP
8	Community Cameras for Outside Monitoring	City	Police	Add cameras around town at key intersections and in common areas where we commonly have crime	John	\$40,000	Applying for a Grant
9	Agenda Management Software	City	Clerk Customer Service		Julie	\$35,000	

CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
CITY-COUNTY INFORMATION TECHNOLOGY

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE				
	0 points	1-5 points	6-10 points	Comm Dvlp	Municipal	Council	Special Assmt	MetroRide
				Loan Mgt \$45,000	Court Sys \$93,000	Voting Sfw \$35,000	Sfw \$90,000	Video Upgr \$95,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	8	7	8	4	6
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.	3	6	2	4	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.	7	9	8	3	8
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.	7	7	9	5	5
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	3	3	7	5	2
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.	3	5	2	7	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.	2	3	4	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.	5	3	4	9	0
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.	8	0	2	7	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.	3	1	0	3	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.	7	8	7	8	8
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.	6	6	1	6	7
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	1	1	2	1
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.	6	9	9	7	4
<b>Total</b>				<b>68</b>	<b>68</b>	<b>64</b>	<b>70</b>	<b>58</b>

CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
CITY-COUNTY INFORMATION TECHNOLOGY

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE			
	0 points	1-5 points	6-10 points	Fire Data Analysis	Disaster Rcvry Plan	Community Cameras	Agenda Mgmt Sfw
				\$63,176	\$37,500	\$40,000	\$35,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	6	5	9	8
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.	4	6	9	2
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	4	0	8
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.	4	0	2	9
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.	4	1	2	7
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	0	0	0	2
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	2	4	4
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	3	8	5	4
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	2
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	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.	9	8	7	7
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.	2	0	10	1
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.	2	4	3	1
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	5	9
<b>Total</b>				<b>39</b>	<b>43</b>	<b>56</b>	<b>64</b>

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Loan Tracking Software (Replace module in LRS)	Plan Year:	2018
Classification:	Information Technology	Department:	Finance
Priority:	7- High	Contact Name:	MaryAnne Groat / Gerry Klein
Useful Life:	10 years		

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

Purchase a Loan Servicing Software that will replace the current in-house written software. The current software is tied to the Land Records System on the iSeries that is in the process of being replaced by Marathon County. The project should be completed around May 2018. After that date, the only software left on the server (AS400) will be city software. This is one of three applications. The AS400 costs about \$25,000/year. historically the county paid a good part of that cost but that will stop soon. CCITC wrote the Land Records system and has maintained it for many years in COBOL. A few years ago, at the request of the City, a loan module was added to the software. It will be more cost effective to buy an off-the-shelf solution than to rewrite the application so we expect to buy a commercial solution in 2018. The commercial solutions do not include loan modules. It would not be cost effective for us to try and rewrite the loan module to work outside of Land Records. A more cost-effective solution would be to buy something off the shelf. There are solutions available such as Portfol or Nortridge. In addition to the cost of the selected software, Active Network will need to be reconfigured. This is at a cost of \$10,000 for a new license and \$20,000 for the configuration.

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

An RFP will be issued in late 2017 or early 2018 with selection and implementation in 2018.

### 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 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 checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

### PROJECT OR PURCHASE JUSTIFICATION

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

The loans that are serviced by the Finance Department include TIF loans, as well as Building Better Neighborhood Loans, Community Development Block Grants, Commercial Loans, Defense Logistic Acquisition Directive Loans, Housing Cost Reduction Initiative Loans, Home Buyer Down Payment Loans, Housing Rehabilitation Loans, Home Rental Rehabilitation Loans, Marathon County Lead Fund Loans, Neighborhood Stabilization Program Loans, Officer Down Payment Loans, Rental Energy Rehabilitation Program Loans, Wausau Economic Development Fund Loans, Wisconsin Rental Energy Rehabilitation Loans, and Wausau Rental Rehabilitation Program Loans. With over 400 loans worth over \$8M it is important to have a program that can accurately and easily manage the individualized loans provided to encourage economic development in the City of Wausau.

### 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 our current Land Records system is retired before we have a new loan module in place, we will be required to resume servicing over 400 loans manually. Our current system calculates payments, late fees, interest and penalty, and files 1098s for a diverse loan database.

### 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

Without the software, all payments will need to be calculated manually or the City will need to pay the total maintenance on the iSeries server.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Replace iSeries Municipal Court Application	Plan Year:	2018
Classification:	Software	Department:	Municipal Court and Finance
Priority:	6-High	Contact Name:	Gerard Klein
Useful Life:	6-8 years		

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

The Municipal Courts application was written many years ago in an old programming language, COBOL. It runs on an IBM AS400. As time has progressed, we've been finding solutions one by one that moved programs off of the iSeries onto CCITC Microsoft SQL servers or on to hosted solutions. The AS400 is old technology and the programming language that this application is written on is VERY old. It hasn't been taught in colleges for about 20 years. We are unable to hire new COBOL programmers. Within about a year, the Muni Courts application will be one of only 2 remaining applications still on the AS400. When that happens, the city will pick up the total costs of the application from the county who currently pays a portion. There are other advantages though - The application is green screen and not modern looking. It's difficult to teach younger folks how to use these old applications that are not mouse friendly.

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

Purchase a Municipal Court product early in 2018, import all citations with an outstanding balance into the new application, create the interfaces to The Active Network application, train all users and be live with the new system before the fourth quarter of 2018. Active network will cost \$20,000 for configuration to the new system. We will be able to use the current Active to Municipal Courts license.

### PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input 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 AS400/iSeries is very expensive to maintain and this application is very old technology that new developers are untrained in. We believe that we will be able to find a reasonably-priced software product on the market that will meet their needs..

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

We would have to keep the iSeries hosted contract in place at a cost of \$25,000. The only applications running on the hosted iSeries belong to the City, so the City will bear the entire cost.

### RETURN ON INVESTMENT

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

See above. Prices are from TipSSCourts and Active.com





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Council Voting System Replacement	Plan Year:	2018
Classification:	Software	Department:	Clerk Customer Service
Priority:	10- Medium	Contact Name:	Toni Rayala
Useful Life:	6 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

The voting system in the council chambers is failing frequently. It's very old technology that has made by hand by our staff over 12 years ago. We propose to replace the voting system in the Council Chambers. If we buy Roll Call Pro, the product has some limited Agenda management capabilities too. We have briefly looked at a few products in this market space and found some solutions that fit our needs such as IQM2, Legistar, Roll-Call Pro, Granicus and NovusAgenda. We would issue a RFP and select a product or products based on the responses to the RFP after evaluating the costs, features and customer satisfaction. There is another request specifically for Agenda management software. That would be necessary if the council wants more sophisticated agenda software.

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

Create an RFP in late 2017 for implementation in 2018

### PROJECT PURPOSES: (Check all statements that apply)

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

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

Our current council vote solution has reached end of life. New solutions are wireless and integrate with the meeting management software.

### 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 council vote program that is currently in use will eventually fail, and when that happens votes will be taken via roll call and minutes and agendas will be manually created and transcribed.

### RETURN ON INVESTMENT

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





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Special Assessment & Point of Sale Integration	Plan Year:	2018
Classification:	Information Technology	Department:	Finance
Priority:	7	Contact Name:	MaryAnne Groat / Gerard Klein
Useful Life:	10 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

The Land Records application was written many years ago. It's written in COBOL and runs on an IBM iSeries. As time has progressed, we've been finding solutions one by one that moved programs off of the iSeries onto CCITC Microsoft SQL servers or on to hosted solutions. The iSeries is old technology and the programming language that this application is written on is VERY old. It hasn't been taught in colleges for about 20 years. We are unable to hire new COBAL programmers. Within about a year, the Special Assessments part of the Land Records application will be one of only 2 remaining applications still on the iSeries. We have decommissioned the CCITC iSeries. The cost to host this application offsite is \$25,000+/year. Active network is the Point of Sale product that Finance is using. It will need new integrations for Taxes and Special Assessments. This is at a cost of \$10,000 for a new license and \$20,000 for the configuration for Special Assessments and \$20,000 for the configuration of Tax Collections.

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

An RFP will be issued in late 2017 or early 2018 with selection and implementation in 2018.

### PROJECT PURPOSES: (Check all statements that apply)

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

### PROJECT OR PURCHASE JUSTIFICATION

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

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

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

See above.

### RETURN ON INVESTMENT

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





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Bus Video	Plan Year:	2018
Classification:	Information Technology	Department:	Metro Ride
Priority:	Medium	Contact Name:	Greg Seubert / Gerry Klein
Useful Life:	10 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Replace bus video system for all 25 buses. There are currently no replacement hard drives available for cameras on 10 of the buses. When failures occur, the cameras are being rebuilt using current supplies. These supplies are out of date and no longer available. We should upgrade to a common system for all buses. REI system may allow us to use the current cameras. Additional cameras in each bus may be necessary.

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

This would be a 2018 project. We would either expand our Genetec Security Center system to this or RFP the request to look at other options.

### 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**

Existing system is obsolete and of different vintages. Hard drives are no longer manufactured. New technology will be more efficient and additional cameras will allow staff to monitor more points of interest. Better equipment will provide for a safer environment for passengers and employees.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

As systems fail we do not have the ability to replace our current hardware.

### 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**

Promoting a safety is a marketing tool for public transportation. Video is a significant safety tool in the endeavor. The \$95,000 quote is for a 6 camera per bus x 20 buses solution from SEON. Their solution can also be scaled back to about \$72,000 by eliminating some of the automation software. That would then require drivers to manually do some tasks, probably daily.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	FirstWatch Performance Analysis Software	Plan Year:	2018
Classification:	Software Implementation	Department:	Wausau Fire
Priority:	high priority	Contact Name:	Tracey Kujawa
Useful Life:			

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

FirstWatch software is a data analysis software product that turns raw data into meaningful information, helping agencies improve situational awareness, operational performance and clinical patient outcomes. The system does this by securely capturing, translating and transmitting information about their 911 callers, patients and systems via FirstWatch triggers all in real time. This data analytics package would allow the department to translate CAD, Fire, and EMS data, in near real time, to measure and report on, quality outcomes for the services the department provides. With these measurements the department could also identify actionable improvements on a timely basis. This product would also allow the department to capture data necessary to obtain Center for Public Safety Excellence (CPSE) accreditation. Full implementation cost for the project in 2018 would be \$63,176 with ongoing annual maintenance of \$3371.

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

Preliminary project design would begin with funding approval. Full engagement of FirstWatch would begin January 2018 with proposed full implementation beginning of Q2 2018.

### PROJECT PURPOSES: (Check all statements that apply)

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

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

The Wausau Fire department seeks to be a data driven department. In order to be data driven, performance and outcome data needs to be collected and analyzed in an efficient and timely manner. FirstWatch analytics provides this data collection, analysis, and reporting in real time. This level of data analysis is also needed for the department to pursue CPSE accreditation. CPSE accreditation requires proof that the department is meeting certain performance metrics on an ongoing basis. CPSE accreditation could bring with it insurance cost savings for the community through a lower ISO rating. As noted above, the availability of measured performance and outcome data also allows the community to evaluate real data to evaluate the department.

### 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.**

Manual collection and analysis of the data does not occur in a timely fashion and therefore improvements occur much more slowly or sometimes not at all. Additionally, manual analysis requires many man hours to collect and collate before analysis even begins. Deferral would mean that the department stays manual in their approach to these sorts of analytics. Deferral would also mean that CPSE accreditation would also be deferred as the time commitment for manual collection of the data is not possible with current workloads and staffing. And if accreditation were achieved ongoing performance measurement to maintain accreditation would be hugely time consuming.

### 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**

CPSE accreditation brings with it potential reductions in insurance costs for the City. The ability to collect and analyze performance data in near real time which would allow the department to make data driven decisions to improve efficiency.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Disaster Recovery Planning for City Employees and Facilities	Plan Year:	2018
Classification:	Planning and Design	Department:	CCITC
Priority:	8- High	Contact Name:	John Anderson
Useful Life:	7 Years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Establish a Disaster Recovery/Business Continuity plan for the City of Wausau. There is no current plan to handle a disaster such as a fire in City Hall or the Public Safety building. For this project, we would hire a consultant to lead the planning, guide the creation of documentation and testing phases of the project. City Departments would be creating their plans based on the framework provided by the consultant.

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

### PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/>	Addresses critical health or safety hazard.	<input type="checkbox"/>	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**

There is a need to look at Disaster Recovery and Business Continuity across the whole organization to ensure we are prepared for a potential disaster. For example, if 4 departments are planning on using the same remote workspace in case of disaster, there may be a problem with the location during a disaster. The hope is that these issues can be identified and addressed in the plan thus making the decision making during an actual disaster much easier.

Cost estimates are based on using a consultant to facilitate the process at \$150/hour. Research of consultants in the Disaster Recovery/Business Continuity field proved the average cost per hour is between \$125 and \$150 per hour. Estimating 250 consulting hours for the first year of planning and development.

### 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 having a comprehensive plan may extend the amount of down time in case of a disaster.

### RETURN ON INVESTMENT

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





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Community Cameras for Monitoring Key Areas and Intersections	Plan Year:	2018
Classification:	Equipment	Department:	CCITC
Priority:	8- High	Contact Name:	John Anderson
Useful Life:	5 Years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Continue to enhance the community monitoring capability with more cameras at key spots and intersections for Wausau PD.

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

### PROJECT PURPOSES: (Check all statements that apply)

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

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

Wausau Police Department has requested surveillance cameras at several key spots in 2017. This request is to continue expanding the monitoring ability that Wausau Police Department has requested into 2018. Acquiring service at several of the spots where they have requested surveillance cameras will be a challenge. We continue to look at cost effective solutions for these locations.

### 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 the capital dollars for additions will prevent the WPD from monitoring key places and intersections where they have requested surveillance ability.

### 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**

Should the City not expand the use of video recording to more public spaces the risk of loss and damage to City property will grow and the safety of the community could be at risk. We also applied for a grant for this project and were recently awarded \$25,000. We are anticipating that the PD will apply for more grants.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	<b>Agenda and Meeting Management</b>	Plan Year:	<b>2018</b>
Classification:	<b>Software</b>	Department:	<b>Clerk Customer Service</b>
Priority:	<b>10- Medium</b>	Contact Name:	<b>Toni Rayala</b>
Useful Life:	<b>6 years</b>		

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

Purchase a software product that provides the City the ability to create automated workflow for the creation, editing and publishing of Committee agendas. This product would also partially automate the creation of meeting minutes. Many of these products incorporate "In meeting tools" including electronic voting, request to speak, and public display. We have briefly looked at a few products in this market space and found some solutions that fit our needs such as IQM2, Legistar, Roll-Call Pro, Granicus and NovusAgenda. We would issue a RFP and select a product or products based on the responses to the RFP after evaluating the costs, features and customer satisfaction.

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

Create an RFP in late 2017 for implementation in 2018

### 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

Our constituents expect and demand that more and more information is available to them online and 24/7. Further, we strive to create the most efficient workflows possible. This product will allow department staff to work more effectively with elected officials and the City Clerk's Office. Currently the Clerk's Office manually gathers all documents for agenda packets. The Clerk's Office also needs to track items that need approval or review to ensure items are returned in a timely fashion. This is a time-consuming task that takes place for all Council and Committee meetings. An agenda management software solution would aid in the tracking and creating of the agenda packets. Priority would be given to products that integrate with a council vote solution.

### 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 will not achieve the efficiencies that are possible in the work processes of submitting, creating and publishing agendas and minutes for meetings. The council vote program that is currently in use will eventually fail, and when that happens votes will be taken via roll call and minutes and agendas will be manually created and transcribed.

### 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

Typical ROI will reduce staff time in meeting preparation by over 50%. Current staff spends approximately 84 hours each month preparing agendas, agenda packets and minutes. Some of these tools are cloud based solutions that you pay for out of your operating budget.





**CITY OF WAUSAU**

**DPW-ENGINEERING/  
GIS MAPPING**

**CITY OF WAUSAU  
DPW-GIS MAPPING  
LONG RANGE CAPITAL PLAN**

<b>CIP REQUESTS- CURRENT YEAR</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1							-
2							-
3							-
4							-
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<b>CIP FORECAST- FUTURE YEARS</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1	Orthophotography / LiDAR		40,000	60,000	40,000		140,000
2							-
3							-
4							-
		\$ -	\$ 40,000	\$ 60,000	\$ 40,000	\$ -	\$ 140,000

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

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

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

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

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

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

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

### PROJECT PURPOSES: (Check all statements that apply)

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

### PROJECT OR PURCHASE JUSTIFICATION

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

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

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

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

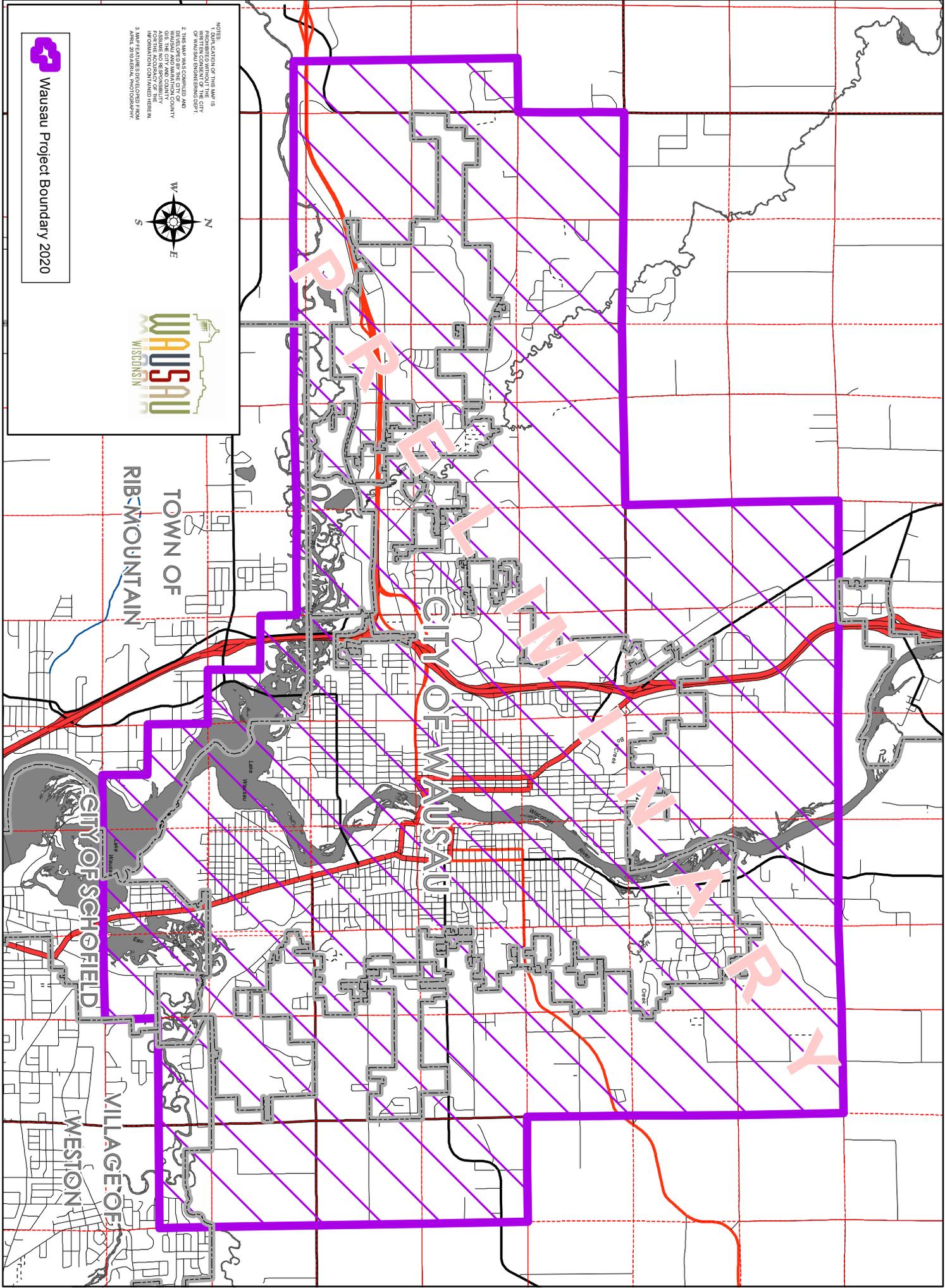
#### Describe the financial benefits, cost savings or payback of the capital project such as grant funding, cost avoidance or operational cost or income benefits

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.





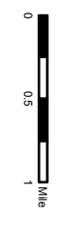
# 2020 Orthophotography / LIDAR - Mapping Project Boundary



- NOTES:
1. DATE/LOCATION OF THIS MAP IS IDENTICAL TO THE DATE/LOCATION OF THE CITY OF WAUSAU EXISTING MAP.
  2. THIS MAP IS THE PROPERTY OF THE CITY OF WAUSAU AND WAUSAU COUNTY. WAUSAU COUNTY ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN.
  3. MAP FEATURES DEVELOPED FROM APRIL 2016 AERIAL PHOTOGRAPHY.



 Wausau Project Boundary 2020



**CITY OF WAUSAU**

**DPW STREETS &  
MAINTENANCE**

**CITY OF WAUSAU  
DPW-STREETS & MAINTENANCE  
LONG RANGE CAPITAL PLAN**

<b>CIP REQUESTS- CURRENT YEAR</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1	Route Optimization Software	Equip	80,000				80,000
2	Sign Shop Upgrade	Facility	32,000				32,000
3	Carport	Facility	45,000				45,000
4	Land Purchase-current	Land	68,000				68,000
5							-
6							-
			\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000

<b>CIP FORECAST- FUTURE YEARS</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>	
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>								
1	Land Purchase-future	Land	286,000				286,000	
2	Storage Building	Facility	30,000	320,000			350,000	
3	Salt Shed Roof Replacement	Facility	80,000				80,000	
4	Public Works Upgrade	Facility		400,000	785,000	400,000	1,585,000	
5							-	
6							-	
			\$ -	\$ 396,000	\$ 720,000	\$ 785,000	\$ 400,000	\$ 2,301,000

CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
Dept. of Public Works - Streets & Maintenance

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE			
	0 points	1-5 points	6-10 points	Route Optimization	Sign Shop Upgrade	Carport	Land Purchase
				\$80,000	\$32,000	\$45,000	\$68,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	9	5	6	10
Public Health and Safety	Project has no impact on existing health or safety issues.	Project would improve non-critical or non-urgent health or safety issues.	Project addresses immediate continual safety or health hazards or needs.	8	5	7	8
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	5	0	3
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	7	6	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.	10	8	5	8
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	0	0	0	5
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.	7	3	0	5
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	7	5	2	2
Supports Economic Development	Project would discourage or directly prevent private capital investment, decrease the tax base, decrease property valuation, or decrease local job opportunities.	Project would have no impact on private capital investment, the tax base, valuation or local job opportunities.	Project would directly result in private capital investment, increased tax base, increased valuation or improved local job opportunities.	5	5	5	5
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	7	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.	8	10	10	7
Blight and Crime Elimination	This project would have no impact on the reduction of crime or blight within the city.	This project will have limited impact on the reduction of crime or blight within the city.	This project impact the reduction of crime or blight within the city.	0	0	0	8
Operational Budget Impact	Project would significantly increase personnel or other operating costs or decrease revenues.	Project would have a neutral impact on personnel or other operating costs or revenues.	Project would decrease personnel costs, or other operating costs or increase operating revenues.	9	7	5	5
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	8	3	0	7
<b>Total =</b>				<b>86</b>	<b>68</b>	<b>53</b>	<b>86</b>

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Route Optimization Software	Plan Year:	2018
Classification:	Software/Hardware	Department:	DPW Streets
Priority:	HIGH	Contact Name:	Eric Lindman
Useful Life:	10+ years with upgrades		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Purchase and install Route Optimization Software/hardware in order to maximize the efficiency of snow plow routes and street sweeping routes.

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

Staff has currently been working with a vendor to determine a schedule for implementation. This schedule depends on the amount of GIS data we have currently and can provide to them to prepare a model. Currently we are anticipating being fully operational before the 2018-2019 winter season.

### PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input 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**

Currently DPW Streets uses hard copy maps for their snow and sweeping routes. These map routes were developed based on experience from drivers and also by looking at street maps to try and determine priorities and best routes. There are currently approximately 30 snow plow routes in the City and each time a route is changed each of the other routes needs to be reviewed to ensure it is still adequate with plow coverage, this is extremely inefficient. Drivers also need to read hard copy maps until they become efficient with their route; this becomes an issue when we have replacement drivers or new drivers. The Route Software optimizes time and efficiency based on many factors within the City and the street information provided by the GIS software. Once the routes become established any changes to one route automatically creates an update to all routes to ensure they are optimized. Each vehicle will be equipped with a navigation unit which will be automatically uploaded for the drivers once they are called to an event. If a driver is sick or on vacation and routes need to be covered by others the software will make this change and update the drivers Navigations units. Optimizing driving routes saves time, creates efficiencies and the less miles driven ultimately saves money on fuel and wear on the equipment.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

Maintaining our current method of establishing driving routes will continue to be inefficient and cost additional money in operations.

### 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**

Specific cost saving amounts has not been determined related to driving miles reduced. Time spent editing and maintaing manually established routing maps will be reduced by 90%. Also, one supervisor will be able to update the routes prior to each event which will minimize confusion with the drivers when last minute changes are required.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Sign shop upgrade	Plan Year:	2018
Classification:	Equipment	Department:	Public Works
Priority:	High	Contact Name:	Eric Lindman
Useful Life:	20 Years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Upgrade sign fabrication equipment.

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

Put out equipment for bid early 2018 and have new equipment installed in the spring of 2018.

### 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 type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
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### PROJECT OR PURCHASE JUSTIFICATION

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

Current equipment is outdated. The sign shop needs a lighted table for the employees to become efficient at producing signs. We are limited to colors and graphics which we can do in house which means we cannot make signs that really enhance our City. The City will be completing the Wayfinding project in 2017 and we have had many compliments on how these new signs will look. We have also had many requests from neighborhoods to have unique symbols placed on signs in their neighborhood to identify their area of the City. We have also explored placing Baseballs on the signs around athletic park but we currently do not have the capability to do this work.

### 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.**

Efficiency of creating signs would increase significantly and we would have the capability of creating unique signs throughout the City enhancing the appearance of these signs.

### 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**

Because of the improved efficiency of the sign making process cost savings would be experienced and we would not have to contract out as much of the work.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Carport for vehicle	Plan Year:	2018
Classification:	Construction of building	Department:	Public Works
Priority:	Medium	Contact Name:	Eric Lindman
Useful Life:	30 Years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Construct a vehicle storage shelter for inspection and engineering vehicles. Carport would be constructed to accommodate solar panels for renewable energy.

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

Put out to bid and have constructed in 2018.

### PROJECT PURPOSES: (Check all statements that apply)

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

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

Constructing the shelter would give vehicles a covered space and improve our emergency response time for the electrical and sign divisions. The roof would be constructed to accommodate solar panels for energy (lights, block heaters, etc.).

### 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.**

Vehicles are stored uncovered and exposed to the elements. Response time suffers during inclement weather, mainly in the winter.

### 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**

Protection of the vehicles from the sun, rain, sleet, snow.



# GANTT CHART OF PROJECT ACTIVITIES

## Carport for vehicle

### Capital Improvement Program Request 2018-2022

**Budget Amt:** \_\$45,000

**Start Date:**\_ Jan-18

**Lead Person:** Eric Lindman

**End Date:** \_ Jul-18

YEAR 1: 2018	TIME FRAME (Start/End by Month)											
KEY TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Task: Planning/ Design												
Task: RFP/ RFQ/ Bid/ Award												
Task:												
Task:												
Task:												
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Task:												
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Task:												
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Task:												

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

## Capital Improvement Program Request 2018-2022

Project Title:	Purchase of property	Plan Year:	2018-2019
Classification:	Land acquisition	Department:	Public Works
Priority:	High	Contact Name:	Eric Lindman
Useful Life:	50 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Purchase property adjacent to DPW operations. This would allow for expansion of storage and maintenance operations and increase areas for service to the public. Property purchase would also improve ingress and egress to the DPW facility which would better accommodate the large equipment.

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

Begin discussions with property owner related to purchase price and prepare a purchase agreement. 9-18 month process.

### 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 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 physical condition of the current facility does not meet current standards for a modern Public Works Facility. An updated repair shop, new equipment wash system and upgrades to the current building and grounds are needed to meet latest up-to-date standards for efficiencies and DNR requirements. Repair bays need to be updated to meet our growing demands of repair work. Each bay needs to have it's own kiosk with computer hookup, air supply, oil dispenser, antifreeze dispenser and electrical hookup. Currently hoses are laid across the shop floor to dispense fluids causing tripping hazards and inefficiencies. The DPW maintenance shop is not set up to handle some of the large equipment the City has grown to need for providing service. The DPW maintenance shop provides service to multiple departments throughout the City and some of the vehicles are too large for the shop; Salt trucks 40', Jetter trucks 40', FD aerial truck, etc. Also the vehicles need to be backed out of the stalls when the maintenance or repairs are completed creating additional risks for accidents. Storm water management at DPW should be updated to meet current standards.

The property currently owned for DPW Streets operations currently does not allow for expansion or future needs. The location of DPW Streets is efficient because it is near the center of the City and has easy access to all areas of the City. The additional property will be used for storage and additional fleet maintenance area that is needed. In addition to the property for building expansion, ingress and egress improvements are required to accommodate the large equipment. Expanding McCleary Street out to Thomas Street will be necessary to accommodate these improvements. With the proposed expansion/reconstruction of Thomas Street coming up it would be very beneficial to begin this street design as we design the second phase of Thomas Street.

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

Deferral of the purchase of this property would impact needed expansion of the DPW Streets 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**

Additional storage and maintenance areas will significantly increase the life of the rolling stock, allow for more efficient methods/areas for working on equipment, and allow us to increase other areas for service (i.e. yard waste, solid waste drop off, material storage, etc.). Long term safety improvements with the road expansion for ingress and egress to the facility.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Storage facility	Plan Year:	2019
Classification:	Construction	Department:	Public Works
Priority:	High	Contact Name:	Eric Lindman
Useful Life:	50 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Construct an equipment storage building to store equipment currently stored outside in the elements causing deterioration.

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

In 2013 worked with Urban Construction for preliminary plans for a 60' X 154' storage building. Have engineering plans prepared in 2018 and construct the building in 2019. Complete the design drawings in 2018 and bid construction work for the 2019 construction season.

### PROJECT PURPOSES: (Check all statements that apply)

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

### PROJECT OR PURCHASE JUSTIFICATION

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

Prevent deterioration of the City's equipment currently stored outside. This would increase residual value of the equipment at time of trade in and would also assist with lowering maintenance costs of this equipment.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

We will have to continue storing equipment outside which will depreciate in value sooner.

### 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**

Protects the City's asset investment in equipment.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title: <b>Salt Shed Roof Replacement</b>	Plan Year: <b>2018</b>
Classification: <b>Construction, Maintenance</b>	Department: <b>Public Works</b>
Priority: <b>High</b>	Contact Name: <b>Eric Lindman</b>
Useful Life: <b>30 Years</b>	

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

The dome roof on the salt shed has reached the end of its design life. Shingles are cupping and curling and bare spots on the shingles are becoming more visible. Repairs to the shingle roof will be costly once leaks begin because of the steepness of the roof. We can do some lower shingle repairs in-house but do not have the equipment for the higher repairs and these would need to be contracted out.

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

Advertise for bids to install a new shingled roof on the salt shed. Bid and complete work within 120 days.

### PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
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### 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 salt shed roof is showing some deterioration. Shingles are cupping and curling and bare spots on the shingles are becoming more visible. Repairs to the shingle roof will be costly once leaks begin because of the steepness of the roof. We had it looked at from a roof specialist and he recommended replacement.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

Spot repairs will be costly as we would need to contract out the work for the majority of the roof due to the height and steepness. Long term it is much more cost effective to replace the existing roof covering.

### 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 roof needs replacement to avoid leakage and deterioration of the structure and creating an issue with the salt. If water were to leak in the shed and begin getting the salt wet it would begin to dissolve and become saturated. This would make it more difficult to spread and in cold weather the salt would freeze and make it difficult to load into trucks.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Expansion and upgrade of the Department of Public Works	Plan Year:	2020
Classification:	Planning, design and engineering	Department:	Public Works
Priority:	High priority	Contact Name:	Eric Lindman
Useful Life:	50 years		

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

Establish funding for the purchase of land/homes near DPW Streets to improve safety and access to the facility.

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

DPW Streets will complete a Facility Study in 2017. Access to the facility along Myron Street has some safety concerns due to the narrow street and also efficiency issues due to large equipment exiting and entering the facility along this road.

### PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input checked="" type="checkbox"/> This project was identified in prior year CIP Plan requests
<input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input 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 physical condition of the current facility does not meet the up to date standards for a modern Public Works Facility. A new modern repair shop, equipment wash system and upgrades to the current building and grounds are needed to meet latest up-to-date standards for efficiencies and DNR requirements. Repair bays need to be updated to meet the modern demands of repair work. Each bay should have it's own kiosk with computer hookup, air supply, oil dispenser, antifreeze dispenser and electrical hookup. Currently the mechanics have to drag hoses thru the shop (Causing tripping hazards and wasted time) to access these. The shop is not equipped to handle the large pieces of equipment that need to be maintained from the Department Of Public Works, Wausau fire, Police and the Waste Water Utility. (Salt trucks 40', Jetter trucks over 40', and the aerial truck for the fire department 48'), with a 50' radius to get into the repair area with narrow doors. Also the vehicles need to be backed out of the stalls when the maintenance or repairs are completed. This is an accident waiting to happen. The aerial truck being worth 1.3 Million \$ is an asset we do not want damaged. Storm water management at DPW should be updated to meet current standards.

### 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 improving the facility would not keep us in compliance and we will not meet the demands of equipment maintenance and repairs.

### 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

Becoming more efficient would be a tremendous cost savings and complying with regulations and best practice standards can keep the City from liability loss.





**CITY OF WAUSAU**

**DPW-AIRPORT**



CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
Dept Public Works - Airport

CRITERIA	POSSIBLE SCORE			Airport Hanger 3 door replacement	Airport building renovation study	Airport Concrete Repair
	0 points	1-5 points	6-10 points	\$135,000	\$25,000	\$30,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	10	10	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.	9	7	8
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	5
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.	7	9	5
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	3	3	2
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	0	0	0
Public Perception of Need	The project has not been identified by the citizens as a need.	The project has been identified by the citizens as a need but lacks strong or overwhelming support.	Project has strong citizen and political support.	0	0	0
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	5	5	0
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.	1	6	6
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.	6	8	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.	6	1	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.	3	8	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.	2	3	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	6
<b>Total</b>				<b>60</b>	<b>68</b>	<b>62</b>

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Airport Hanger 3 door replacement	Plan Year:	2018
Classification:		Department:	Public Works
Priority:		Contact Name:	Mark Hanson
Useful Life:	30 years		

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

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

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

Early in 2018, a sole source document will be submitted from Schweiss overhead door for the replacement of the door, and replacement can begin in the spring. Schweiss is the only door manufacturer of the strap lift system which is currently installed on Hangers 1, 2 and 4. This is the best door and lifting system available.

### 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 type="checkbox"/>	Contributes to a safe community

### PROJECT OR PURCHASE JUSTIFICATION

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

This door is old and has surpassed its useful life, repairs and maintenance have become costly and time consuming and personnel are in danger every time this door is operated.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

If this door is not replaced soon, there is the danger of cables breaking and having the door crash to the ground causing catastrophic failure to not only the door, but also the entire building. If the door came down on an airplane, this can cause multi million dollars of damage and a liability to the City.

### RETURN ON INVESTMENT

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

Replacement of this door will enhance the security and safety of the hanger, and also increase the efficiency of the airport operations.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Airport Building Renovation Study	Plan Year:	2018
Classification:	Construction	Department:	Public Works
Priority:	High	Contact Name:	Eric Lindman
Useful Life:	30 Years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Contract professional A&E services to perform a needs assessment on the main terminal building as well as other identified facility issues.

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

Prepare an RFP and award to an A&E firm based on specified criteria.

### PROJECT PURPOSES: (Check all statements that apply)

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

### PROJECT OR PURCHASE JUSTIFICATION

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

There have been a number of issues identified at the main terminal building as well as other facilities that need to be reviewed by qualified individuals. See attached identified areas of concern.

### 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 delay of properly identifying and correcting these issues would potentially cause damage to the 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**

Having a properly maintained facility and proper evaluation will assist the airport in prioritizing work and better identify costs for future maintenance and improvements.





## **Wausau Airport Building Updates Needed:**

### **1. Main Terminal Building**

- a. South facing windows and fascia in need of replacement. These windows are old and some of the window panes seals have failed which gives them a cloudy look. Some of the mounting surfaces are rotten due to the age and also the design of the structure underneath. The base is made of wood, and has long since been damaged by moisture. The cost for this is unknown because an architect would have to be hired to redesign the south side of the building.
- b. Brick and mortar work around the windows and south side near windows. Much of the brickwork around the windows and the foundation are in need of general repairs due to age and the deterioration of the window areas. Unknown cost at this time. This would probably be included in the cost of hiring an architect for the redesign and reconstruction of the south face of the building. Unknown cost at this time.

### **2. Main Terminal additional Storage Shed**

- a. The storage shed attached to the east side of the main terminal is deteriorating rapidly. The roof on the south portion has failed and has severe leakage. The roof is beyond repair at this time and the entire structure is damaged to the point that replacement is imminent. This portion of the building rests on a concrete platform that has no frostproof footings, and a chimney that is inside the area is not compliant with current codes. The cost to repair or replace this section of the building is unknown because an architect would be needed to redesign the structure and bring it into compliance with current structural and fire safety codes.

### **3. Hanger 3 Door Replacement**

- a. The main hangar door on hangar 3 was installed in the mid 1980s using the technology of that day. Currently this door has had a multitude of issues which has rendered the door unusable several times in a year, including broken lift cables, twisted door frame and faulty locking mechanism which could result in the door crashing to the ground. This hangar houses several airplanes which far exceeds the cost of the entire building. 2 airplanes in particular cost in the range of 20 million dollars, and an accident which a falling door could damage an airplane could potentially cost the City of Wausau several million dollars in liability damages, not to mention if a person were injured or killed by a failed door. The cost to replace this door currently is around \$170,000. The door would be replaced by the same unit that Hangars 1,2, and 4 currently are fitted with, which is a Schweiss brand strap lift door which is the safest and most advanced door on the market today. As stated earlier the other hangars are outfitted with this door, and we have had virtually no issues with any of them. The long term benefits of the installation of this door would far outweigh any attempts and trying to repair the old one to try to keep it working consistently.

### **4. Hanger 4 Living Quarters**

- a. Aspirus medical personnel are currently housed in Hangar 4 in a "makeshift" living and office quarters which were installed in around the mid 1980s. This area is small and inefficient to heat and cool and somewhat uncomfortable for the tenants. The hangar building was never properly designed to house people on a 24-7 basis, because we are continuously dealing with moisture, mold, mildew and HVAC problems. We looked in to remodeling the living

space and the cost of this would be upwards of \$10,000. That would basically buy some time. In order to provide a long term solution to this, an architect would need to be hired to look in to building a proper living space either within the hangar building or attached to it from the outside with access to the hangar as the Aspirus helicopter is housed inside the hangar.

5. Equipment Needs

- a. The airport has 2 tow tractors that are used to tow airplanes in and out of the hangars. Both of these units are very old and have required continual repairs and maintenance to try to keep them in good running order. Constant breakdowns and issues with these units cause a lot of hassle and frustration for the airport personnel. DPW staff has spent a lot of time and money to keep these units running, but with limited staff and available space it is necessary to replace both of these units. New units cost over \$60,000 each, but a newer more updated or refurbished unit could be purchased for around \$25,000 each. The funds for these units could come from the motorpool budget which in the CIP process will reflect an increase to accommodate the purchase of these 2 units.
- b. The "SRE" building at the airport was built with the idea that vehicles and equipment could be maintained in this area, however it lacks any kind of support equipment that makes this possible without hauling truckloads of tools and equipment down from DPW to effectively perform any maintenance. In order to efficiently do this, several items would have to be added: 1) 3 ton gantry crane – cost is around \$4000. 2) 80 gallon upright air compressor – cost is around \$6000. 3) Basic set of hand and power tools – cost around \$7000. Other misc. items to outfit a shop – lighting, grease gun, oil drain pans, jackstands, etc. additional \$3000. With this shop set up, a mechanic can perform maintenance in the building without having to spend time transporting back and forth to DPW.

In summary, the airport personnel have managed the airport since 1991 and turned it into a successful profiting entity for The City. As in any other City building, the image that the airport portrays reflects on the community and how it is supported. It is the overall feeling of the people involved that The City will need to spend some money on the upkeep of the buildings and support equipment to keep this operation running effectively and efficiently. The employees of The City and the Airport have strived to maintain the property as much as possible, but many things are failing that will require immediate attention.

In order to preserve and maintain these areas, an architect will need to be hired to perform a general analysis of the buildings and grounds, and give us a general idea on the cost to upgrade and/or renovate the buildings. That cost could be upwards of 8 to 15,000 dollars.

## Mark Hanson

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**From:** William Hebert  
**Date:** Tuesday, August 16, 2016 3:08 PM  
**To:** Mark Hanson  
**Subject:** Storage Building at Airport

Mark,

A couple of notes for you regarding replacement of the storage building at the airport.

1. The terminal is over 6,000 square feet. Building codes require an architect or engineer to develop plans if the total building area is over 5,000 square feet.
2. The building is used for storage and would likely be classified as a S-1 or U.
3. The building would need to be separated from the terminal by a 2 hour rated fire barrier.
  - a. Fire doors would need to be 90 minute rated so I would keep those openings to a minimum.
  - b. If the buildings are 10 feet apart then no fire rating is required.
4. Frost proof footings will be required for an attached building.

Hope this helps with your planning. If you have any questions let me know.

Thanks,

William D. Hebert, MPA  
Division of Inspection,  
Mechanical, & Electrical Systems  
P: 715.261.6780

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Airport - Concrete Repair	Plan Year:	2020
Classification:	Construction	Department:	Public Works
Priority:	High	Contact Name:	Eric Lindman
Useful Life:	10 Years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Repair damaged/aged concrete in order to extend the life expectancy and ensure the concrete flatwork remains in compliance with FAA standards.

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

Bid this work out with the City's street concrete repair project.

### PROJECT PURPOSES: (Check all statements that apply)

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

### PROJECT OR PURCHASE JUSTIFICATION

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

Cracks and separation of control joints in concrete allow water intrusion which deteriorates the concrete sooner. Water intrusion also creates damage during the freeze/thaw cycles. Mitigating water intrusion extends the life of the concrete.

### 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.**

Maintenance deferred will result in damage beyond repair/maintenance. Continued damage would result in full replacement of the concrete.

### 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**

Extending the life of the concrete pavement reduces capital costs and keeps pavement functional and useful.





**CITY OF WAUSAU**

**DPW-FACILITIES**



CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
DPW-Facilities

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE			
	0 points	1-5 points	6-10 points	Fuel system upgrade	DPW Bldg roof repairs	DPW heater replace	Purchase leaf baler
				\$35,000	\$200,000	\$28,000	\$80,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	10	10	10	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.	0	7	9	7
Mandates or Other Legal Requirements	Project is not mandated or required by legal obligations.	Project would address anticipated mandates or legal obligations.	Project is mandated or required due to legal obligations.	0	0	0	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.	7	7	7	9
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.	3	3	3	5
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	0	0	0	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	0
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	5	5	5	0
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.	1	1	3	1
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.	6	6	7	8
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	3	6	7
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.	1	5	1	1
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	2	2	2
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	8	9	10	5
<b>Total</b>				<b>51</b>	<b>58</b>	<b>63</b>	<b>55</b>

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Fueling system and fuel canopy upgrades	Plan Year:	2018
Classification:		Department:	Public Works
Priority:		Contact Name:	Mark Hanson
Useful Life:	30 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Replace the existing fuel island canopy that leaks and is falling apart. The existing canopy is over the top of the fuel tank fill ports, and when snow or ice melts, it drains directly onto the fill ports which causes problems with water in the fuel and all of the components for the tank monitoring system. This has caused corrosion of several parts and they need to be replaced. The canopy was installed in 1994, and there are newer canopies available which would cover the island and tank fill ports better. Along with that the monitoring system needs to be replaced, which again was installed in 1994. This has surpassed its useful life, and some components are obsolete which makes daily tank monitoring difficult and inaccurate.

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

RFP would be formed early in the year and sent out in the spring. Bid awarded in spring and the work could begin in early summer.

### 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 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 fuel island serves all City departments with the everyday fueling of the City's vehicles, including Parks dept. and WATS. There are 2 canopies, and they are reaching the end of their useful life and the condition is failing. 1 canopy leaks internally which allows water to penetrate under the skin and leaks onto the fuel pumps below and into the tank fill ports. If not replaced the canopies will continue to deteriorate to the point of being non usable. If the tank monitoring system fails, the whole system could shut down and vehicles will not be able to get fuel.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

If the fueling island fails, the City's many departments will not be able to fuel up, which will cause disruption in services to the public

### 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**

Keeping the fuel island up to date will allow the City's vehicles to continue to fuel for several years, and will allow the system to be monitored accurately for leaks, problems, etc.



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	West End DPW building roof replacement	Plan Year:	2018
Classification:		Department:	Public Works
Priority:		Contact Name:	Mark Hanson
Useful Life:	30 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Phase 1 of roof replacement on west end of DPW parking structure. This would include some building structural repairs and the entire west end parking structure, phase 2 and 3 would involve the north parking structure replacement, and building 2 roof resealing.

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

Beginning part of 2018, would hire a consultant to form specifications, hire contractors and begin work

### 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 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
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### PROJECT OR PURCHASE JUSTIFICATION

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

See attached photos and documentation

### 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.**

Increased costs and further building deterioration

### 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 would alleviate further problems with the building, and avoid increasing costs due to impending building failure



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	West End DPW building heater replacement	Plan Year:	2018
Classification:		Department:	Public Works
Priority:		Contact Name:	Mark Hanson
Useful Life:	30 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Replace the west parking garage heating units with radiant tube heaters

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

Quotations will be received early in the spring and the work can begin in the spring

### 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 checked="" type="checkbox"/>	This project was identified in prior year CIP Plan requests
<input checked="" type="checkbox"/>	Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment.	<input type="checkbox"/>	Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions
<input type="checkbox"/>	Supports a revenue generating service	<input type="checkbox"/>	Contributes to a safe community

### PROJECT OR PURCHASE JUSTIFICATION

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

The existing rooftop heaters have failed internally. They were inspected and found the heat exchangers are rotted out. The units were never meant to be a front line heating unit, but when they were installed, they were modified for that purpose. The entire unit would have to be replaced with one meant to be a heating unit. We have struggled to keep these units running, but they are beyond useful life and are difficult to keep working.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

The current units need to be constantly "reset" in order to keep working. If the unit shuts down in sub zero temperatures without being monitored, the building could freeze causing damage to water pipes, etc. If the unit tries to fire but cant, this can also lead to carbon monoxide buildup in 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**

The heating system that would be installed is the same as in other parts of the buildings, and other City buildings. They require little maintenance and have proven to last many years. They are easy to install and work extremely well. The payback would come in savings to fuel consumption for heating the building.



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Purchase of a leaf baler	Plan Year:	2018
Classification:		Department:	Public Works
Priority:		Contact Name:	Mark Hanson
Useful Life:	15 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Purchase a leaf baler to improve the efficiency of the leaf cleanup operation in the fall

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

An RFP can be formed early in the year and a unit purchased to be ready for the fall of 2018

### PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input checked="" type="checkbox"/> Maintains or enhances systems that support existing city services. <input checked="" type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input checked="" type="checkbox"/> Contributes to a safe community
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### 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 leaf pickup process is costly and time consuming. This unit would speed up the process and would enhance a service already provided by the City. The operation would be much safer and more efficient which would contribute to a safer community and compliance with current storm water regulations which require the timely pickup of leaves throughout the City.

### 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 unit would speed up the process and would enhance a service already provided by the City. The operation would be much safer and more efficient which would contribute to a safer community and compliance with current storm water regulations which require the timely pickup of leaves throughout the City. If we continue with the old time consuming and costly process, the operation will take longer due to increasing amounts of leaves that need to be picked up each year.

### 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 use of a leaf baler will increase the efficiency of the operation, and will be less costly due to not having to outsource the operation. We outsourced this operation in past years, and it has proven to be a cost effective solution to leaf pickup.



**CITY OF WAUSAU**

**FIRE**

**CITY OF WAUSAU**  
**Wausau Fire Department**  
**LONG RANGE CAPITAL PLAN**

<b>CIP REQUESTS- CURRENT YEAR</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
<b>1</b> Fitness Equipment	Equip	25,000					25,000
<b>2</b> Knox Box Security System	Equip	20,000					20,000
<b>3</b>							-
<b>4</b>							-
<b>5</b>							-
<b>6</b>							-
		\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000

<b>CIP FORECAST- FUTURE YEARS</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
<b>1</b> Interactive Video Conferencing	Equip	-	50,000	-	-		50,000
<b>2</b> Cardiac Monitors	Equip	-		100,000	-		100,000
<b>3</b> Automated CPR Device	Equip					60,000	60,000
<b>4</b> Extrication Tools	Equip				40,000		40,000
<b>5</b>							-
<b>6</b>							-
		\$ -	\$ 50,000	\$ 100,000	\$ 40,000	\$ 60,000	\$ 250,000

CITY OF WAUSAU  
CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
Wausau Fire Department

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE	
	0 points	1-5 points	6-10 points	Fitness Equip	Knox Box Security Sys
				\$25,000	\$20,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	8	8
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	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
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	10	10
Extent of Benefit	Project would benefit only a small percentage of citizens, particular neighborhood or area.	Project would benefit a large percentage of citizens or many neighborhoods or areas.	Project would benefit all of the citizens, neighborhoods or areas.	6	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.	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.	8	0
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	8	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
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
Feasibility of Project	Project is unable to proceed due to obstacles such as land acquisition, easements, other approvals. Project is not shovel ready.	Minor obstacles, plans or details exist but should not impact a timely implementation.	Project is entirely ready to proceed. No obstacles exist.	10	10
Blight and Crime Elimination	This project would have no impact on the reduction of crime or blight within the city.	This project will have limited impact on the reduction of crime or blight within the city.	This project impact the reduction of crime or blight within the city.	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	10
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	10
<b>Total</b>				<b>70</b>	<b>78</b>

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Fitness Equipment (Request 2)	Plan Year:	2018
Classification:	Equipment	Department:	Wausau Fire Department
Priority:	High	Contact Name:	Tracey Kujawa
Useful Life:	7 - 10 years depending on use		

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

The promotion of health and wellness within the fire service is critical to the well-being of our members. Sudden cardiac events and cardiovascular disease in the fire service has increased tremendously over the past 15 years. In fact, more firefighters suffer duty-related deaths from cardiovascular disease (CVD) than any other identifiable cause. Over the past 11 years nearly half (48%) of the nation's line-of-duty deaths are attributed to heart attacks. In addition to the lives cut short by CVD fatalities, there are approximately 17-25 non-fatal duty-related CVD events for every fatality. These non-fatal events can disrupt emergency operations, lead to early retirements and inflict an enormous economic hardship on the department.

Firefighting involves strenuous work that is performed in a hostile and toxic environment and it produces enormous physiological strain, particularly on the cardiovascular system. Sudden cardiac death is more likely to occur during or shortly after certain emergency duties, such as fire suppression.

Physical fitness is strongly associated with cardiovascular health in firefighters. The City of Wausau and the Wausau Fire Department have supported regular exercise amongst the ranks and have allocated an hour a day for line-personal to participate in fitness. The issue we are currently faced with is replacing equipment that is failing and unsafe. We have not done a good job of building a replacement schedule into our operational budget and therefore it has placed the Wausau Fire Department in a bit of a predicament. Cardiovascular machines are out-of-service and in need of repair and many of our weight machines have been taken out-of-service because they are unsafe or pose a risk. If allowed to move forward with this initial CIP, the Department would then evaluate annually to determine future replacement needs utilizing the operational budget. The dollar amount for this request is \$25,000.

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

The Wausau Fire Department would like to replace some of the current equipment with items which take into account the health issues faced by our firefighters. We would evaluate injuries, strains and sprains that we have sustained historically within our Department and acquire equipment that could assist in preventing these ailments or injuries. If allowed to move forward we would conduct the evaluation above and purchase appropriately abiding by the purchasing requirements of the City.

### PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input 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 cardiovascular equipment at the Wausau Fire Department is fourteen years old and was purchased through a grant. Much of the equipment utilized for weight lifting was obtained through donations from local organizations who were replacing it because it was outdated; in the last couple of years we have also taken many of the donated pieces out-of-service because of the risk it posed to our members. Fitness is important to this Department because of the job we do and this CIP will empower the Wausau Fire Department to "catch up" on equipment replacement and then establish an equipment replacement plan to sustain a viable and safe fitness environment for our members.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

As mentioned earlier, the equipment we currently possess is old and more prone to break downs and expensive repairs (parts not available or costly). This of course impacts the ability for line personnel to work out as required and the overall fitness of our members. This in turn has a direct effect on our fitness level which compromises our ability to our jobs safely and effectively.

### 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 benefit or even the cost savings to keeping our members physical fit is the decrease in the possibility of worker compensation claims, avoiding early retirement caused by an injury or heaven forbid, a line of duty death due to CVD. It is difficult to project or estimate the actual financial benefit or the cost savings of this project but studies have shown and common sense would indicate that an individual that is fit is less prone to injury and/or death caused by CVD.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Knox Box Secure System (Request 1)	Plan Year:	2018
Classification:	Equipment	Department:	Wausau Fire Department
Priority:	High	Contact Name:	Tracey Kujawa
Useful Life:			

### PROJECT DESCRIPTION

#### Provide a brief description of the project or purchase

The Wausau Fire Department would like to purchase a high security master key retention system to place within all of our emergency vehicles for additional protection for our Knox Box keys. Currently many secure buildings, campuses, residences and commercial properties within our community have invested in a Knox Box to allow the Wausau Fire Department to have access in the event of an emergency, when the building is unoccupied and/or secured. The Wausau Fire Department is a proponent of this system because it does allow for immediate access, which is necessary in a true emergency, and forced entry is not needed so building owners don't sustain expensive repair costs. Currently our Department secures the master key, which unlocks all Knox products within our jurisdiction, in a generic punch key lock box. If this request is granted we would install a high security master key retention system within our vehicles to secure the master key. This system is a computerized system and therefore allows the Department to identify who makes entry to release the Knox Box key. This of course will provide additional protection for our consumers and also make our employees more accountable.

<https://www.knoxbox.com/fire-departments>  
[https://www.knoxbox.com/store/files/KeySecure4WiFiSpec\\_MKT-KBSPEC-0201-B.pdf](https://www.knoxbox.com/store/files/KeySecure4WiFiSpec_MKT-KBSPEC-0201-B.pdf)

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

This system would have to be purchased through Knox Box and we would move through the proper channels to request purchase, purchase, and then install after monies become available.

### PROJECT PURPOSES: (Check all statements that apply)

<input checked="" type="checkbox"/> Addresses critical health or safety hazard.	<input type="checkbox"/> Serves to eliminate Blight
<input type="checkbox"/> Provides developed area with a comparable level of city services or facilities.	<input type="checkbox"/> Encourages economic development
<input type="checkbox"/> Maintains or enhances systems that support existing city services.	<input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation
<input type="checkbox"/> Provides new service, facility, system or equipment.	<input type="checkbox"/> Provides other rehabilitation, replacement or new construction.
<input checked="" type="checkbox"/> Expands existing service into an undeveloped area.	<input type="checkbox"/> This project was identified in prior year CIP Plan requests
<input 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

Although, currently the Wausau Fire Department has a touch key combination box securing the Knox Box keys within the emergency vehicles, this might not be adequate. All members of the Department are required to know the security code so they can gain access to the key boxes in the event of an emergency and there is no way of being able to discover who is accessing the keys, when they are accessing them and for what reason. This Knox Box key is of particular significance because it will provide the key holder access to all Knox Boxes within the City and hence entry into the structure. Therefore, accountability for whom, when and why this key is being accessed is a protection measure that should be implemented. The cost of this project is approximately \$20,000.

### 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.

Being able to require accountability, particularly when it provides protections for our members and/or our community is important. This high security master key retention system will deliver both. Members of our Department and the community can be assured that access to the Knox Box key is being tracked illustrating a system that ensures accountability which provides protections against the potential for misuse and/or misplacement of this key.

### 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 lost or stolen Knox Box key would be very costly to replace. This high security master key retention system keeps the master key locked in a visible position providing immediate accountability and also has an optional strobe light signaling key removal. Currently, the master key is not visible and is located within a lock box so tracking of the key is more difficult and requires access in to the box to ensure the master key is present.





**CITY OF WAUSAU**

**MAINTENANCE**

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

<b>CIP REQUESTS- CURRENT YEAR</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1	Public Safety Improvements	Facility	54,000				54,000
2	Public Safety Boilers	Equip	80,000				80,000
3							-
4							-
5							-
6							-
			\$ 134,000	\$ -	\$ -	\$ -	\$ 134,000

<b>CIP FORECAST- FUTURE YEARS</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1							-
2							-
3							-
4							-
5							-
6							-
			\$ -	\$ -	\$ -	\$ -	\$ -

CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
Dept: Maintenance

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE	
	0 points	1-5 points	6-10 points	PubSfty Imprvmts \$54,000	PubSfty Boilers \$80,000
	Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	6
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.	7	8
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.		
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	8	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.	7	7
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.	8	8
Public Perception of Need	The project has not been identified by the citizens as a need.	The project has been identified by the citizens as a need but lacks strong or overwhelming support.	Project has strong citizen and political support.		
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.	6	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.		
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.	6	6
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.	8	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.		
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	8
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.	6	6
<b>Total</b>				<b>69</b>	<b>80</b>

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Public Safety Building Facility Improvements	Plan Year:	2018
Classification:	Construction	Department:	Maintenance
Priority:	High	Contact Name:	Brian Bartkowiak
Useful Life:	20 yrs		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

I have replaced all of the original carpeting in the main walk ways, now I would like to replace carpet in all offices as these are showing heavy signs of wear and creating tripping hazards. Multiple repairs have been done to these hazard areas but are not holding up any longer. New community room chairs are being requested to replace and upgrade furnishings due to heavy use of this room.

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

Spring summer replacement, design has been implemented on new wall covering and chairs

### PROJECT PURPOSES: (Check all statements that apply)

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

### PROJECT OR PURCHASE JUSTIFICATION

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

Many of the chairs are worn, stained, and discolored due to heavy meeting usage. A more comfortable chair has been requested. Carpet is frayed in most door ways and worn heavily where the employee sits. Tripping is main concern.

### 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.**

Time to replace, building is over 20 yrs old. Next replacement 15 to 20 years.

### RETURN ON INVESTMENT

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





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Boiler Replacement Public Safety	Plan Year:	2018
Classification:	Construction	Department:	Maintenance
Priority:	High	Contact Name:	Brian Bartkowiak
Useful Life:	20 yrs		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Replace existing 21 yr old boilers with new High Efficient condensing modulating boilers

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

design has been completed, bidding would start begging of new year completion by mid to late summer

### 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 type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input type="checkbox"/> Contributes to a safe community
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### PROJECT OR PURCHASE JUSTIFICATION

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

Boilers are over 20 yrs old and very in efficient by todays standards, where boilers today can operate at efficiencies of over 96 %. Existing boilers operate in the 80 % range costing more to operate over new.

### 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**





CITY OF WAUSAU

PARK RECREATION  
EQUIPMENT

**CITY OF WAUSAU**  
**Parks, Recreation, and Forestry**  
**LONG RANGE CAPITAL PLAN**

<b>CIP REQUESTS- CURRENT YEAR</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1 Tennis Court Replacement	Construction	50,000					50,000
2 Stewart Park Masonry Repair	Construction	60,000					60,000
3 Memorial Park Seawall	Construction	117,500					117,500
4 Playground Equipment	Equipment	75,000					75,000
5							-
6							-
							-
		\$ 302,500	\$ -	\$ -	\$ -	\$ -	\$ 302,500

<b>CIP FORECAST- FUTURE YEARS</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1 Tennis Court Replacement	Construction		50,000				50,000
2 Playground Equipment	Equipment		75,000	75,000	75,000	173,460	398,460
3 Pleasant View Park Addition	Construction		84,000		78,750		162,750
4 Swiderski Park	Construction			63,525			63,525
5							-
6							-
							-
		\$ -	\$ 209,000	\$ 138,525	\$ 153,750	\$ 173,460	\$ 674,735

CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
Parks, Recreation and Forestry

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE			
	0 points	1-5 points	6-10 points	Tennis Courts	Stewart Repairs	Mem. Seewall	Play Equipment
				\$50,000	\$60,000	\$117,500	\$75,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	3	5	3	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.	2	10	5	5
Mandates or Other Legal Requirements	Project is not mandated or required by legal obligations.	Project would address anticipated mandates or legal obligations.	Project is mandated or required due to legal obligations.	0	1	0	5
Maintains or improves Standard of Service	Project not related to maintaining an existing standard of service.	Project maintains an existing standard of service.	Project would improve deficiencies or problems in existing services.	5	5	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.	2	3	2	8
Related to Other Projects	Project is not related to other projects or part of a phased implementation.	Projects is linked to other projects or phased implementation but not essential to their completion.	Project is essential to the success of other projects or phased implementations identified in the CIP and already underway.	0	0	0	4
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.	2	8	1	4
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.	1	3	0	0
Supports Economic Development	Project would discourage or directly prevent private capital investment, decrease the tax base, decrease property valuation, or decrease local job opportunities.	Project would have no impact on private capital investment, the tax base, valuation or local job opportunities.	Project would directly result in private capital investment, increased tax base, increased valuation or improved local job opportunities.	3	3	2	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.	4	4	6	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.	7	7	7	10
Blight and Crime Elimination	This project would have no impact on the reduction of crime or blight within the city.	This project will have limited impact on the reduction of crime or blight within the city.	This project impact the reduction of crime or blight within the city.	0	4	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	5	5	5
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	2	10	3	3
<b>Total</b>				<b>36</b>	<b>68</b>	<b>39</b>	<b>69</b>

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Tennis Court Replacement Program	Plan Year:	2018, 2019
Classification:	Construction	Department:	Parks and Recreation
Priority:	Medium	Contact Name:	Peter Knotek
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: Pleasant View Park - 2018 Memorial Park - 2019  
 This project will establish a program to replace deteriorating tennis courts throughout the Park system.

### PROJECT PURPOSES: (Check all statements that apply)

<input type="checkbox"/> Addresses critical health or safety hazard. <input type="checkbox"/> Provides developed area with a comparable level of city services or facilities. <input type="checkbox"/> Maintains or enhances systems that support existing city services. <input type="checkbox"/> Provides new service, facility, system or equipment. <input type="checkbox"/> Expands existing service into an undeveloped area. <input checked="" type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input checked="" 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
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### 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	2018	2019	2020	2021	2022	Total
Planning / Design						-
Land / Acquisition						-
Construction / Maintenance	50,000	50,000				100,000
Equip/Veh/Furnishings						-
Other						-
<b>Total</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>
<b><u>FUNDING SOURCES</u></b>						
Grant Income						-
Donations						-
User Fees						-
Other						-
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>NET LEVY REQUIREMENT</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>

OPERATING BUDGET IMPACT	2018	2019	2020	2021	2022	Total
Staff Costs						-
Supplies/Materials						-
Facility Maintenance						-
Other (Insurance/Utilities)						-
Contractual Services						-
<b>Total</b>	<b>\$ -</b>					
<b><u>FUNDING SOURCES</u></b>						
Grant Income						-
Donations						-
User Fees						-
Other						-
<b>Total</b>	<b>\$ -</b>					
<b>NET LEVY REQUIREMENT</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

ESTIMATED ANNUAL BENEFIT	2018	2019	2020	2021	2022	Total
Increased Efficiency						-
Faster Service Delivery						-
Decreased Operating Costs						-
Decreased Maintenance Costs						-
<b>ESTIMATED ANNUAL BENEFIT</b>	<b>\$ 300</b>	<b>\$ 300</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 600</b>



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Stewart Park Masonry Repairs	Plan Year:	2018
Classification:	Construction/Maintenance	Department:	Parks and Recreation
Priority:	High	Contact Name:	Peter Knotek
Useful Life:	30 yrs		

### PROJECT DESCRIPTION

Provide a brief description of the project or purchase

This project will repair the granite entry columns that are tilting precariously 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 2018, bid and construct spring/summer 2018

### 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 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 with the very real possibility that the column may topple resulting in injury, property damage and the loss of a community landmark.

### 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 injury, property damage and 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





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Memorial Park Seawall Replacement	Plan Year:	2018
Classification:	Construction	Department:	Parks and Recreation
Priority:	Medium	Contact Name:	Peter Knotek
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 2018, construct summer/fall 2018

### PROJECT PURPOSES: (Check all statements that apply)

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





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	<b>Playground Equipment</b>	Plan Year:	<b>2018, 2019, 2020, 2021</b>
Classification:	<b>Equipment Purchase</b>	Department:	<b>Parks and Recreation</b>
Priority:	<b>Medium</b>	Contact Name:	<b>Peter Knotek</b>
Useful Life:	<b>20 yrs</b>		

### 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. 2017 replacements planned at Memorial Park and Reservoir Park.

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

R.F.P.'s in February/March, installation June/July 2018.

### 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 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 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**





**CITY OF WAUSAU**

**PARKS ROLLING STOCK**

**CITY OF WAUSAU**  
**Parks, Recreation, and Forestry-Rolling Stock**  
**LONG RANGE CAPITAL PLAN**

<b>CIP REQUESTS- CURRENT YEAR</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1	Rolling Stock*	Equipment	173,460				173,460
2							-
3							-
4							-
5							-
6							-
			\$ 173,460	\$ -	\$ -	\$ -	\$ 173,460

<b>CIP FORECAST- FUTURE YEARS</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1	Rolling Stock*	Equipment	173,460	173,460	173,460	173,460	693,840
2							-
3							-
4							-
5							-
6							-
			\$ 173,460	\$ 173,460	\$ 173,460	\$ 173,460	\$ 693,840

\*Indicates City share of Rolling Stock

CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
Parks, Recreation and Forestry-Rolling Stock

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE
	0 points	1-5 points	6-10 points	Rolling Stock \$173,460
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	5
Public Health and Safety	Project has no impact on existing health or safety issues.	Project would improve non-critical or non-urgent health or safety issues.	Project addresses immediate continual safety or health hazards or needs.	5
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
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
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
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
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
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	5
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
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.	6
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
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
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.	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.	3

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Park Rolling Stock	Plan Year:	2018
Classification:	Equipment Purchase	Department:	Parks and Recreation
Priority:	High	Contact Name:	Peter Knotek
Useful Life:	10-12 years		

### PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace equipment (tractors, bulldozers, aerial lifts, dump trucks, 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 2018. Most equipment will be received prior to summer 2018.

### 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 type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Contributes to a safe community

### PROJECT OR PURCHASE JUSTIFICATION

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

Equipment 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.



## EQUIPMENT REPLACEMENT SCHEDULE – 2018

EQUIPMENT	NEW UNIT
#23 2006 Chevy ½ Ton Pickup	Similar Unit
#48 Chevy ½ Ton Pickup	Similar Unit
T-7 1996 - 6 Ton Trailer	Similar Unit
#61 2004 International Water Tanker	Similar Unit
#50 2006 Ford ¾ Ton with Service Body	4x4 Unit
#48 2006 Chevy 1/2 Ton Pickup Truck	Similar Unit
#20 2006 Chevy 1/2 Ton Pickup Truck	¾ Ton 4x4
#11 1992 Case Crawler/Loader	Similar Unit
#68 2001 Pisten Bully Groomer	Similar Unit
X-01 2010 Smithco Groomer	Similar Unit
M-6 10' Mower	Similar Unit
X-46 Compressor	Similar Unit

**CITY OF WAUSAU**

**POLICE**



CITY OF WAUSAU  
CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
2018 Police

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE
	0 points	1-5 points	6-10 points	Police Radios \$117,000
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strategic goals.	Project is consistent with plan but does not significantly advance strategic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	10
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
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
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
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
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
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.	10
Efficiency/Effectiveness of Service	Project does not improve efficiency of the service or staff.	Project would result in savings by eliminating obsolete or inefficient facilities.	Project would result in significant savings by increasing efficiency of service and staff and/or reducing the ongoing cost of a service or facility.	5
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
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
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
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
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
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

Total 90

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title: <b>Police Radios - Portable Motorola Radios</b>	Plan Year: <b>2018</b>
Classification: <b>Equipment</b>	Department: <b>Police</b>
Priority: <b>High</b>	Contact Name: <b>Chief Jeff Hardel &amp; Deputy Chief Ben Bliven</b>
Useful Life:	

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

This request is for the purchase of Motorola brand digital portable radios with necessary encryption software and remote speaker/mic units. This purchase will enable the department to continue its on-going process of replacing our current Tait portable radio units. The department began the radio replacement process in 2015 with the purchase of fourteen (14) radios. It was our intent to replace at least ten radios each year until all sworn staff were uniformly equipped. In 2016, available funding allowed us to purchase ten (10) radios. In 2017, available funding allowed us to purchase twenty-three (23) radios. The quoted price for radios purchased in 2017 was \$3,727.57 per unit. To equip the remaining sworn staff will require the purchase of twenty-nine (29) radios. We are requesting consideration of funding that will allow us to complete this project in 2018.

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

We are requesting consideration of funding that will allow us to complete this project in 2018 by purchasing twenty-nine (29) Motorola radios. In 2017, available funding allowed us to purchase twenty-three (23) radios. To equip the remaining sworn staff will require the purchase of twenty-nine (29) radios. The quoted price for radios purchased in 2017 was \$3,727.57 per unit. The price in 2016 was \$3,299.60 per unit (this reflected a post-quote discount from the original quoted price of 3493.10). The price in 2015 was \$3,321.25 per unit (quote on record listed a promotional price of \$500 per unit, lowering the cost to \$2,821.25). At the 2017 price per unit, the cost of twenty-nine (29) radios would be \$108,099.53; however, as we have seen a price increase per unit in each of the preceding years of this project, we anticipate the 2017 price per unit would increase. The price change in the quoted per-unit price, without discounting, between years 2015 and 2016 was \$171.85 per unit; the change between years 2016 and 2017 was \$234.47 per unit. If we anticipate the per-unit price difference between years 2017 and 2018 to be approximately \$300, then the total cost to purchase twenty-nine (29) radios would be approximately \$116,799.53.

### 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 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 portable radio is one of the most essential pieces of police equipment necessary to enhance the safety of our police officers. Having access to a dependable – and reliable – item of essential equipment is necessary to the safety of our employees and the efficiency of our operations. With the new Motorola radios, we are able to receive local service and product support, thereby minimizing repair down-time and minimizing the amount of time staff needs to address service issues that may arise. The Wausau Police Department has experienced an increased demand for our current supply of radios due to the addition of new Police Officers and expansions to our support staff, particularly in the number of Community Service Officers (CSO) working for the department. Our current supply of [Tait] radios sustain frequent service issues. The frequency of the [Tait] repairs, and subsequent drain on our supply of spare radios, is exacerbated by the length of time required for full service turnaround: often days or weeks. Both the frequency of repairs and the time required for service has significantly increased with the current [Tait] product. As the existing Tait radios continue to age, we expect the repair frequency or service time will not diminish; therefore, there is a potential to experience a future shortage of available radios for department staff. As it stands now, our current supply of spare radios is not large enough to support current demand or to maintain an adequate number of spare radios for emergency use. The purchase of new Motorola radios from a local provider will improve dependability and reliability in daily use, and reduce the time a radio is out-of-service for maintenance and repairs. Additionally, the purchase of new radios will allow us to transition the stock of Tait radios to increase our supply of spare radios for use by support staff and in emergency situations.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

A portable radio is an essential piece of police equipment and is required for all sworn Police Officers and non-sworn Community Service Officers (CSO). With the expansion of our CSO program, to include additional, on-duty, CSO staff, our CSO's will be handling and investigating situations requiring consistent, frequent communication of information with dispatch, supervisors, and other officers. The current supply of Tait radios continue to age and exhibit consistent and frequent repair issues. The repairs require the radios to be sent out of state, resulting in both extended periods of time when the radios are out-of-service and reductions of our spare radio supply. In addressing liability issues, it is absolutely essential that we have functionally reliable, dependable and available portable radios for all of our officers and CSO's when they leave the office to conduct their assigned duties.

### 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 an essential piece of equipment, the primary function of the portable radio is to provide seamless, consistent, reliable communication between officers, dispatchers, and supervisors under a variety of conditions. Having the capability for all sworn Police Officers and non-sworn CSOs to have access to a portable radio significantly increases their safety and reduces or eliminates liability to the city by providing them with an essential tool to do their job safely. The Motorola radio offers us a product with proven reliability, local service and customer support, and will ultimately increase the safety, efficiency and effectiveness of our day-to-day operations.





**CITY OF WAUSAU**

**METRO RIDE TRANSIT**

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

<b>CIP REQUESTS- CURRENT Y]</b>	<b>Dept</b>	<b>Total Proj</b>	<b>Other Src</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>	
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>											
<b>1</b>	New Buses	Metro Ride	3,027,769	2,422,215	Vehicle	605,554				605,554	
<b>2</b>	Roof Rehab	Metro Ride	184,040		0 Constr	184,040				184,040	
<b>3</b>										-	
<b>4</b>										-	
<b>5</b>										-	
<b>6</b>										-	
			<u>3,211,809</u>			<u>\$ 789,594</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 789,594</u>

<b>CIP FORECAST- FUTURE Y]</b>	<b>Dept</b>	<b>Total Proj</b>	<b>Other Src</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>	
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>											
<b>1</b>	Floor Scrubber/Sweeper	Metro Ride	46,000	36,800	Equip		9,200			9,200	
<b>2</b>	Engine Rebuild (2)	Metro Ride	48,000	38,400	Maint		9,600			9,600	
<b>3</b>	Fare Collection System	Metro Ride	558,000	446,566	Equip			111,434		111,434	
<b>4</b>										-	
<b>5</b>										-	
<b>6</b>										-	
			<u>\$ 652,000</u>			<u>\$ -</u>	<u>\$ 18,800</u>	<u>\$ 111,434</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 130,234</u>

CITY OF WAUSAU  
2018 CAPITAL IMPROVEMENT PLAN SCORING MATRIX  
Metro Ride

CRITERIA	POSSIBLE SCORE			ACTUAL SCORE	
	0 points	1-5 points	6-10 points	Buses	Roof
				\$3,027,769	\$184,040
Consistency with Community Goals and Plans	Project is inconsistent with city's comprehensive plan or does not advance strateic goals.	Project is consistent with plan but does not significantly advance strateic goals.	Project is directly related to the city's comprehensive plan and strategic goals.	5	1
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	2
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.	6	0
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.	2	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.	7	1
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.	6	6
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.	8	3
Impact of Deferral	Deferral will not impact economic growth, service, functionality, staff efficiency or safety.	Deferral will have limited impact on economic growth, service, functionality, staff efficiency or safety.	Deferral will have a detrimental impact on economic growth, service, functionality, staff efficiency or safety.	8	6

Total                      47                      19

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	New Buses	Plan Year:	2018
Classification:	Equipment/Vehicles/Furnishings	Department:	Metro Ride
Priority:	High	Contact Name:	Greg Seubert, Transit Director
Useful Life:	15 years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

The project includes the purchase of seven new 35" buses.

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

Buses would be purchased using the a pre-established state contract. Buses could be ordered in late 2017 and received in late 2018 or early 2019.

### 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 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
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### PROJECT OR PURCHASE JUSTIFICATION

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

Used buses have been purchased in the last three years in order to maintain existing service. Four of those buses were manufactured in 2002 and have traveled more than 500,000 miles. Three of those buses were manufactured in 2004 and have traveled nearly 400,000 miles. All seven had exceed the federal definition of useful life (12 years old) before we bought them. This project would enable us to replace all seven used buses. If an extension of service is planned for surrounding municipalities in 2019, the three 2004 buses could be retained for that service.

### 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 Joint Finance Committee has proposed the creation of a capital fund to assist Wisconsin transit systems with the purchase of new buses. The fund is to be created using \$32 million from State's settlement with VW. The cost of these buses for the City of Wausau would be 20% of the total expenditure and it would be paid over ten years via reduced shared revenue payments. The estimated annual reduction would be \$60,555.

Federal capital funds have traditionally been used to purchase buses, but congress has greatly diminished funding availability in recent years. The State has never before contributed to bus purchases and they may not be doing so now, were it not for the VW settlement. This is a significant opportunity that is unlikely to present itself in the future. Delaying this project risks the loss of one-time funds with little expectation of alternative funds in the future. Meanwhile, maintenance costs will continue to climb as our buses age and at some point, the entire fleet will need to be replaced all at once.

### 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**

Metro Ride expenses for bus parts and supplies have increased by 59% over the last three years. An upward trend is typical for an aging bus fleet, but the purchase of used buses with high mileage has exacerbated the trend. Given the lack of available capital funds in recent years, the purchase of used buses has been our only alternative.

New buses will reduce parts cost, particularly during the two year warranty period. Additionally, new buses will enable us to relegate aging buses to lower mileage service which will prolong their useful life.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Roof Rehabilitation	Plan Year:	2018
Classification:	Construction	Department:	Metro Ride
Priority:	High	Contact Name:	Greg Seubert, Transit Director
Useful Life:	15		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

Rehabilitation of existing roof on Metro Ride building. Existing metal surface would be spray coated to provide a waterproof seal and extend its useful life.

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

Project would be completed in 2018.

### 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 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 roof on the Metro Ride building has not been refurbished or replaced since the building was constructed in 1979. Although the metal surface is in relatively good condition, the joints leak. Spot repairs have been conducted on an on-going basis, but a more comprehensive resurfacing and seal-coating is necessary.

### 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.**

Although continued spot sealing can be performed, the roof will continue to leak, causing insulation and ceiling tiles to be damaged and placing electric equipment at risk.

### 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 can only be delayed for so long and then the roof will have to be replaced rather than refurbished. Roof replacement will be significantly more expensive. The project will add R-value to the roof, which should produce energy savings.





# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Floor Scrubber Replacement	Plan Year:	2019
Classification:	Equipment Replacement	Department:	Metro Ride
Priority:	High	Contact Name:	Greg Seubert, Transit Director
Useful Life:	10 Years		

### PROJECT DESCRIPTION

Provide a brief description of the project or purchase

Replace existing floor scrubber.

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

Purchase in 2019

### 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 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
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### PROJECT OR PURCHASE JUSTIFICATION

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

A propane-powered riding floor scrubber/sweeper is used daily to remove vehicle fluids and other debris from garage and shop floors. Clearing this large areas by hand would not be practical or efficient. This task is particularly important during the winter months when vehicles carry in sand, moisture and deicing chemicals. Deicing agents have become more corrosive in recent years and our concrete floors are deteriorating as a result. It is important to scrub/sweep floors on regular basis in order to maintain clean, dry, safe walking surfaces and prolong the useful life of the concrete.

### 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.

Our existing scrubber/sweeper was purchased in 1999 and the manufacturer no longer makes spare parts for this unit. Maintaining it has become more expensive and we have to fabricate our own replacement parts to keep it in operation.

### RETURN ON INVESTMENT

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

This unit enables us to adequately maintain garage and shop floors with minimal labor. Maintaining clean, safe walking surfaces reduces the risk of employee injury and workers compensation claims and it prolongs the useful life of the floors.



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Engine Rebuild	Plan Year:	2019
Classification:	Capital Maintenance	Department:	Metro Ride
Priority:	Medium	Contact Name:	Greg Seubert, Transit Director
Useful Life:	6-8 Years		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

The project includes the purchase of two rebuilt bus engines.

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

Purchase in 2019

### PROJECT PURPOSES: (Check all statements that apply)

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

### PROJECT OR PURCHASE JUSTIFICATION

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

It is unknown precisely when engine failures will occur and rebuilding will be necessary. However, these costs are significant and they can cause tremendous spikes in our operating budget. Metro Ride has traditionally used capital funds for rebuilding engines. Doing so is more cost effective when federal Funds are available to cover 80% of the cost. Based on vehicle mileage, this would be the timeframe in which rebuilding may be necessary.

### 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.**

Engines will have to be rebuilt or the buses will be inoperable.

### 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 this project with capital dollars will prevent spikes in our operating budget.



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	Fare Collection System Replacement	Plan Year:	2020
Classification:	Equipment Purchase	Department:	Metro Ride
Priority:	High	Contact Name:	Greg Seubert, Transit Director
Useful Life:	10-15 Years		

### 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 is 20 years old and nearing the end of useful life. The project would include all equipment and software necessary to collect and secure passenger revenue, along with the collection and electronic transfer of rider information.

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

Project bid in 2020.

### 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
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### 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 more than 20 years old and nearing the end of their useful life. They remain useful in collecting and securing 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 Duluth Transit 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**

**MOTOR POOL**

**CITY OF WAUSAU**  
**Motor Pool Fleet**  
**LONG RANGE CAPITAL PLAN**

<b>CIP REQUESTS- CURRENT YEAR</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1	5 yr motorpool plan	1,619,487					1,619,487
2	5 year vehicle lease plan	170,541					170,541
3							-
4							-
5							-
6							-
		<u>\$ 1,790,028</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,790,028</u>

<b>CIP FORECAST- FUTURE YEARS</b>	<b>Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>TOTAL</b>
<b>LAND/FACILITY/EQUIPMENT ACQUISITION</b>							
1	5 yr motorpool plan		1,773,863	2,053,810	2,051,807	2,670,936	8,550,415
2	5 year vehicle lease plan		189,541	206,241	225,841	237,441	859,064
3							-
4							-
5							-
6							-
		<u>\$ -</u>	<u>\$ 1,963,404</u>	<u>\$ 2,260,051</u>	<u>\$ 2,277,648</u>	<u>\$ 2,908,377</u>	<u>\$ 9,409,479</u>

**Historic budget for all 3 depts.**

	2018	2019	2020	2021	2022
<b>DPW</b>					
<b>equipment expense</b>	1,253,684	1,348,418	1,396,572	1,422,972	1,325,205
<b>PD</b>					
<b>equipment expense</b>	140,294	195,425	140,329	101,588	150,638
<b>FD</b>					
<b>equipment expense</b>	225,510	230,020	516,909	527,247	1,195,093
<b>Purchase Total</b>	1,619,487	1,773,863	2,053,810	2,051,807	2,670,936
<b>Vehicle lease</b>	170,541	189,541	206,241	225,841	237,441
<b>Grand Total</b>	1,790,028	1,963,404	2,260,051	2,277,648	2,908,377

	2015	2016	2017
	811,200	843,648	877,904
	165,401	172,017	151,913
	270,000	280,800	265,302
	1,200,994	1,296,465	1,295,120

# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	5 year motorpool plan	Plan Year:	2018-2022
Classification:		Department:	Public Works
Priority:		Contact Name:	Mark Hanson
Useful Life:	Continuing		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

To continue the motorpool replacement plan that was put into effect to provide a continuing budget for the replacement of vehicles and equipment.

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

This would be continuing over the next 5 years

### 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**

As the fleet ages, and vehicles wear out, we need to keep a comprehensive ongoing plan for the replacement of those vehicles and equipment. To keep the fleet newer and in good condition avoids costly unexpected repairs and downtime. To keep up on replacement of vehicles allows the City to provide the necessary services it provides.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

If the fleet is not replaced in a timely manner, there will be more breakdowns and more costly repairs to try and keep the units functioning safely. City services will suffer as a result along with increased parts and contracted services costs. If the money is not spent on replacement, it will be spent on repairs.

### 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**

Keeping newer vehicles and equipment in service provides the public with safe streets, and continual critical services such as Police and Fire services, and street maintenance services.



# CITY OF WAUSAU

## Capital Improvement Program Request 2018-2022

Project Title:	5 year lease plan	Plan Year:	2018-2022
Classification:		Department:	Public Works
Priority:		Contact Name:	Mark Hanson
Useful Life:	Continuing		

### PROJECT DESCRIPTION

**Provide a brief description of the project or purchase**

To continue the vehicle lease plan that was put into effect in 2016 to provide a continuing budget for the replacement and maintenance of light duty vehicles.

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

This would be to continue the contract with Enterprise Fleet leasing until 2020, when a new RFP will go out, then continue with the leasing company awarded the bid.

### 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 type="checkbox"/> Repairs, replaces or prevents a breakdown of an existing city facility, system, service or equipment. <input checked="" type="checkbox"/> Supports a revenue generating service	<input type="checkbox"/> Serves to eliminate Blight <input type="checkbox"/> Encourages economic development <input type="checkbox"/> Encourages revitalization, community aesthetics, or historic preservation <input type="checkbox"/> Provides other rehabilitation, replacement or new construction. <input type="checkbox"/> This project was identified in prior year CIP Plan requests <input type="checkbox"/> Improves resident quality of life in terms of recreational activities, personal enrichment or living conditions <input checked="" type="checkbox"/> Contributes to a safe community
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### PROJECT OR PURCHASE JUSTIFICATION

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

As the light duty vehicle fleet ages, they will be replaced with new vehicles that will be leased. These vehicles also come with full maintenance included with the lease plan. This way, there will be no unexpected costs associated with the lease. After 5 years the vehicles will be cycled out with new ones which will keep a continual fleet of light duty vehicles no more than 5 years old. This will control costs associated with keeping older vehicles in service for too long.

### IMPACT ON DEFERRED IMPLEMENTATION/PURCHASE

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

If the vehicle lease budget is not kept current, vehicles will not be replaced and we will continue to spend money on old vehicles. This is what we are trying to avoid by investing in the lease program.

### 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**

Keeping newer vehicles and equipment in service provides the public with safe streets, and continual critical services such as Police and Fire services, and street maintenance services.



**DPW Equipment 2018**

Unit #	Year	Life				2018 expenditures
1046	2006	12	10449	45-65K TRK	Tandem Swaploader	215,296
1047	2006	12	10450	45-65K TRK	Tandem Swaploader	215,296
1093	2007	11	9693	LOADERS		214,744
1097	2007	11	9693	LOADERS		214,744
1220	2000	18	9004	36-44K TRK	SWAP LOADER	165,612
1222	2000	18	9009	36-44K TRK	SWAPLOADER	165,612
1250	1994	24	9025	BLOWERS	BLOWER ON 41 & 42	9,385
1561	2000	18	8834	SNOW PLOW	PLOW ON 61	17,665
1565	1998	20	8868	SNOW PLOW	PLOW ON 65	20,978
1604	1996	22	8951	SNOW WING	WING ON 204	7,177
1605	1996	22	8955	SNOW WING	WING ON 205	7,177
						<u>1,253,684</u>

**PD Equipment 2018**

Unit #	Year	Life				2018 expenditures
4503	2012	6		Sedan	Marked Squad	35,331
4506	2012	6	10434	Sedan	Marked Squad	35,331
4517	2013	5		Utility	Marked Squad - Utility	35,331
					Squad setup	14,000
4551	1998	20		Trailer	Speed Trailer	10,151
4552	1993	25		Trailer	Speed Trailer	10,151
						<u>140,294</u>

**LD Vehicle Lease 2018**

Unit #	Year	year replaced			lease cost	2018 expenditures
1001	2006	2018			6600	6,600
1002	2016	2016	5		5924	5,924
1015	2016	2016	5		5142	5142
1016	2016	2016	5		4666	4666
1019	2016	2016	5		4351	4351
1022	2008	2018			6100	6,100
1023	2008	2018			6100	6100
1025	2007	2018			6100	6100
1039	1999	2017			4500	4500
1174	2016	2016			4351	4351
1179	2017	2017			4600	4600
1195	2006	2017			5900	5900
1196	2006	2018			5900	5900
1198	2005	2017			4500	4500
1199	2005	2017			4500	4500
1201	2016	2016			4351	4351
4521	2016	2016			4773	4773
4522	2016	2016			3789	3789
4523	2016	2016			4291	4291
4526	2017	2016			4094	4094
4527	2008	2018			4300	4300
4528	2008	2018			4300	4300
4529	2008	2017			4200	4200
4531	2008	2018			4500	4500
4534	2017	2016			4094	4094
4535	2017	2016			4094	4094
4536	2017	2016			4094	4094
4539	2006	2016			4094	4094
4541	2016	2016			4666	4666
4550	2017	2016			4888	4888
4651	2000	2017			5500	5500
4654	2008	2018			5300	5300
4657	2008	2017			4800	4800
4658	2008	2017			4800	4800
4668		2016			6379	6379
						<u>170541</u>

**FD Equipment 2018**

Unit #	Year	Life			
4669	2006	12		Ambulance	Med 4
					<b>225,510</b>

**DPW 5 year replacement plan**

						replacement cost	2018	2019	2020	2021	2022
1009	2015	13	10285	15-25K TRK	Sign Truck - Cab Over	80,000	0	0	0	0	0
1014	2008	14		FORKLIFT	FORKLIFT	18,000	0	0	0	0	21,512
1017	1996	21	8793	AERIAL EQ	ELECTRICIANS 36 FT	185,000	0	0	0	0	0
1018	1995	23	8794	AERIAL EQ	ELECTRICIANS 51 FT	0	0	0	0	0	0
1020	2003	16	10457	AERIAL EQ	ELECTRICIANS (Pole)	166,000	0	186,943	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	12,000	0	0	0	0	0
1027	2004	15	10289	15-25K TRK	Mechanics Truck	88,000	0	99,102	0	0	0
1033	2014	18	8801	26-35K TRK	Storm Sewer Constr. Tr	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. Tru	70,000	0	0	0	0	0
1041	2013	8	8808	TRACTORS	W/DUMP BOX	123,000	0	0	0	144,114	0
1042	2013	8	8809	TRACTORS		123,000	0	0	0	144,114	0
1043	2005	16	10456	TRACTORS	Skid Steer	96,000	0	0	0	112,479	0
1044	2014	8		TRACTORS	Toro Groundsmaster	36,253	0	0	0	0	43,326
1045	2010	12		TRACTORS	Skid Steer	96,000	0	0	0	0	114,729
1046	2006	12	10449	45-65K TRK	Tandem Swaploader	195,000	215,296	0	0	0	0
1047	2006	12	10450	45-65K TRK	Tandem Swaploader	195,000	215,296	0	0	0	0
1048	1992	20	9070	36-44K TRK	DPW Water Truck (Old FD	0	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	10	77778	45-65K TRK	Tandem	195,000	0	0	223,994	0	0
1052	2010	10	77777	45-65K TRK	Tandem	195,000	0	0	223,994	0	0
1053	2013	12	8819	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0
1054	2013	12	8822	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0
1055	2011	11		15-25K TRK	SUPER DUTY PLOW	58,000	0	0	0	0	69,315
1057	2009	11		15-25K TRK	SUPER DUTY PLOW	58,000	0	0	66,624	0	0
1058	2007	12	10682	15-25K TRK	SUPER DUTY PLOW	58,000	0	65,317	0	0	0
1059	2013	12	8832	15-25K TRK	SUPER DUTY	58,000	0	0	0	0	0
1061	2017	5		LOADERS		203,246	0	0	0	0	115,398
1062	2017	5		LOADERS		203,246	0	0	0	0	115,398
1063	2014	13	9321	COMPACTORS		2,150	0	0	0	0	0
1065	2016	5		LOADERS		196,500	0	0	0	105,231	0
1066	2016	5	10274	LOADERS		196,500	0	0	0	105,231	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	0	0
1071	2011	10		COMPACTORS		9,221	0	0	0	10,804	0
1072	2010	11			Air Compressor	15,000	0	0	0	17,575	0
1073	2010	11			Air Compressor	15,000	0	0	0	17,575	0
1074	2003	17	9938	BLOWERS	Large Snow Blower	260,000	0	0	298,658	0	0
1076	2016	13	9322	BACKHOES	Backhoe	88,000	0	0	0	0	0
1078	2009	10		MISC. EQ	HYDRO HAMMER	8,000	0	9,009	0	0	0
1079	2009	15	9322	BACKHOES	Backhoe	88,000	0	0	0	0	0
1081	2005	25		AIR COMP.	Portable Elect. Trk	7,300	0	0	0	7,000	0
1082	1969	51		STEAM BOLIER		85,000	0	0	97,638	0	0
1083	2004	25	10276	AIR COMP.	Portable Sign trk	7,300	0	0	0	0	0
1084	2006	15		ROLLERS	Rubber Tired Roller	52,890	0	0	0	61,969	0
1085	1996	50		STEAM BOLIER		85,000	0	0	0	0	0
1086	1978	43		STEAM BOLIER		85,000	0	0	0	99,591	0
1087	2014	5	12291	MISC. EQ	Partner Cement Saw	3,000	0	3,378	0	0	0
1088	2015	11	10275	CEMENT SAW	CONCRETE CHAIN SAW	2,400	0	0	0	0	0
1089	2014	8	12291	CEMENT SAW	Partner Cement Saw	2,400	0	0	0	0	2,868
1090	1999	20	8859	CHAINSAW		500	0	563	0	0	0
1091	1999	20	8860	CHAINSAW		500	0	563	0	0	0
1093	2007	11	9693	LOADERS		194,500	214,744	0	0	0	0
1094	2011	11		BLOWERS	Large Snow Blower	260,000	0	0	0	0	310,724
1095	2011	14		ROLLERS	Steel Roller	49,786	0	0	0	0	0
1097	2007	11	9693	LOADERS		194,500	214,744	0	0	0	0
1098	1997	24	8869	WATER PUMP		2,800	0	0	0	3,281	0
1099	1991	30	8870	WATER PUMP		2,800	0	0	0	3,281	0
1101	1995	25	8871	DOZERS	D6H - High Drive - Cat	249,600	0	0	286,712	0	0
1103	2007	14		DOZERS	D51PX - Komatsu	158,000	0	0	0	185,122	0
1106	2014	5	8873	GRADERS	All Wheel Drive	219,022	0	81,654	0	0	0
1107	2016	5	9692	GRADERS	All Wheel Drive	245,000	0	0	0	102,057	0
1111	1999	23	10684	26-35K TRK	5th Wheel Tractor	65,000	0	0	0	0	77,681
1113	1995	24	8877	GRADERS	Alley Grader	78,000	0	87,841	0	0	0
1116	1995	24	8878	TRENCHER	TRENCHER / BACKHOE	62,000	0	69,822	0	0	0
1117	2005	12	10278	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0
1118	2005	12	10277	45-65K TRK	Tandem Swaploader	195,000	0	0	0	0	0
1119	2006	20		ST SWEEPER	Mechanical Sweeper	60,000	0	0	0	0	0
1120	2011	6		ST SWEEPER	VACUUM SWEEPER	58,000	0	0	0	0	0
1121	2011	6		ST SWEEPER	VACUUM SWEEPER	0	0	0	0	0	0
1122	2008	15	8887	ST SWEEPER	Mechanical Sweeper	177,000	0	0	0	0	0
1123	2003	20	9939	ST SWEEPER	Mechanical Sweeper	143,000	0	0	0	0	0

**DPW 5 year replacement plan**

					replacement	2018	2019	2020	2021	2022
					cost					
1124	1977	20	8889	GENERATOR MILLER WELDER	3,200	0	0	0	0	0
1127	2008	15	45-65K TRK	Vactor (Sewer Cleaner)	298,000	0	0	0	0	0
1130	2014	8	10281	CEMENT MIX MORTAR MIXER	2,200	0	0	0	0	2,629
1131	2006	15	10688	COMPACTORS COMPACTOR	2,150	0	0	0	2,519	0
1133	1996	25	8895	GENERATOR 5000W MAX 4500 CONT.	3,200	0	0	0	3,749	0
1134	2011	9		CEMENT SAW Walk Behind Concrete Sa	11,000	0	0	12,636	0	0
1135	1996	25		GENERATOR 3500W MAX 3000 CONT.	3,200	0	0	0	3,749	0
1136	1994	20	8896	GENERATOR 4400 MAX 4000 CONT.	3,328	0	0	0	0	0
1138	1995	20	8898	CHAINSAW	500	0	0	0	0	0
1139	1995	20	8899	CHAINSAW	500	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	0	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	0	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	0	0
1150	1991	30	8909	BRUSH CHPR	0	0	0	0	0	0
1151	1997	30	8910	PAINT EQ. Large Line Painter	130,854	0	0	0	0	0
1152	1989	31	8911	BRUSH CHPR	0	0	0	0	0	0
1153	2006	15	8923	MISC. EQ Line Eraser	3,000	0	0	0	3,515	0
1154	2013	10	9960	PAINT EQ. Line Painter	5,770	0	0	0	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	0
1159	1994	30	8917	TRAILERS GOOSENECK	30,053	0	0	0	0	0
1160	1994	30	8918	TRAILERS ROLLER	13,000	0	0	0	0	0
1161	2007	25		TRAILERS ROLLER	13,000	0	0	0	0	0
1162	2001	15	9096	MISC. EQ HYDRO SEEDER	0	0	0	0	0	0
1163	1993	30	8919	TRAILERS ROLLER	13,000	0	0	0	0	0
1164	1977	0	8920	TRAILERS ROLLER	13,000	0	0	0	0	0
1165	1992	30	8921	TRAILERS ROUTER TRL	2,000	0	0	0	0	2,390
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	0
1169	2007	20	10689	TRAILERS Skid Steer Trailer	10,000	0	0	0	0	0
1171	2009	12		PAVERS Self Propelled Paver	65,000	0	0	0	76,158	0
1172	2001	15	8927	MISC. EQ STRAW BLOWER	0	0	0	0	0	0
1173	2012	10		1/2 T TRK DPW	0	0	0	0	0	0
1174	2007	15		1/2 T TRK Weed Truck	0	0	0	0	0	0
1175	2012	10		1/2 T TRK DPW	0	0	0	0	0	0
1176	2012	10		1/2 T TRK DPW	0	0	0	0	0	0
1177	2003	11	9961	1/2 T TRK ELECTRICIANS	20,550	0	0	0	0	0
1178	2000	20	8932	TRENCHER V2050 ROOT CUTTER	15,000	0	0	17,230	0	0
1183	2002	20	9686	TAR KETTLE	60,000	0	0	0	0	71,706
1184	2010	12		CRACK RTR.	15,000	0	0	0	0	17,926
1185	2010	12		CRACK RTR.	15,000	0	0	0	0	17,926
1191	2013	13		EXCAVATOR	200,000	0	0	0	0	0
1193	2010	15		1/2 T TRK Phil Borchardt	0	0	0	0	0	0
1195	2006	15		1/2 T TRK Todd Wunsch	0	0	0	0	0	0
1196	2006	15		1/2 T TRK Mike Krohn	0	0	0	0	0	0
1198	2005	14	8943	1/2 T TRK Bill Hebert	0	0	0	0	0	0
1199	2005	14	8944	1/2 T TRK Cliff Ambriz	0	0	0	0	0	0
1203	2010	12	8945	36-44K TRK Single Axle Truck	91,500	0	0	0	0	109,351
1204	2010	12	8949	36-44K TRK Single Axle Truck	91,500	0	0	0	0	109,351
1205	2010	12	8953	36-44K TRK Single Axle Truck	91,500	0	0	0	0	109,351
1206	2005	12	10451	36-44K TRK SWAP LOADER	131,250	0	0	0	0	0
1207	2007	12	10693	36-44K TRK Single Axle Truck	91,500	0	103,044	0	0	0
1208	2007	12	10694	36-44K TRK Single Axle Truck	91,500	0	103,044	0	0	0
1209	2007	12	10695	36-44K TRK Single Axle Truck	91,500	0	103,044	0	0	0
1211	1980		9092	MISC. EQ SNOW BUCKET	0	0	0	0	0	0
1220	2000	18	9004	36-44K TRK SWAP LOADER	150,000	165,612	0	0	0	0
1222	2000	18	9009	36-44K TRK SWAPLOADER	150,000	165,612	0	0	0	0
1225	2010	10		MISC. EQ Vac / Blower	500	0	0	574	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	0	0	0	478
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	12		MISC. EQ Air Compressor	1,000	0	1,126	0	0	0
1237	1994	21	9017	MOWERS MOWER, ROOF	5,500	0	0	0	0	0
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	0	0
1241	1989	30	9020	TRAILERS PORTABLE STEAMER	25,000	0	28,154	0	0	0

**DPW 5 year replacement plan**

					replacement	2018	2019	2020	2021	2022
					cost					
1242	2007	12	MISC. EQ	PRESSURE WASHER	3,000	0	3,378	0	0	0
1248										
1247	2006	15	MISC. EQ	FORK ATTACH - LOADER	10,000	0	0	0	11,717	0
1249	2015	20	9024	BLOWERS	BLOWER ON 41 & 42	8,500	0	0	0	0
1250	1994	24	9025	BLOWERS	BLOWER ON 41 & 42	8,500	9,385	0	0	0
1251	1983		9093	MISC. EQ	FORKLIFT ATT #93		0	0	0	0
1253										
1254	1992	30	9027	MOWERS	MOWER ON 41 & 42	5,500	0	0	0	6,573
1255	2007	20		MOWERS	FLAIL MOWER ON 41 & 42	5,500	0	0	0	0
1256	2007	12	9029	BROOM	BROOM ON #41 & #42	8,500	0	9,572	0	0
1257	2007	12	9030	BROOM	BROOM ON #41 & #42	8,500	0	9,572	0	0
1258	1991	20	9094	MOWERS	leaf pusher	5,500	0	0	0	0
1260	2001	14	9031	MOWERS	STENSALLE MOWER	35,000	0	0	0	0
1261	1995	15	9032	MOWERS	SEAFORTH MOWER	5,500	0	0	0	0
1262	2007	15		MOWERS	Boom Mower	5,500	0	0	0	6,573
1263	2014	10		MOWERS	STENSALLE MOWER	35,000	0	0	0	0
1270	1998	25		MISC. EQ	Green Machine	1,500	0	0	0	0
1271	1998	25	9035	BLOWERS	SNOW BLOWER	1,500	0	0	0	0
1272	1998	25	9036	BLOWERS	SNOWBLOWER	1,500	0	0	0	0
1274	2011	15		MISC. EQ	POWER SCREED	2,300	0	0	0	0
1275	1998	7	9039	WEED WHIPS	WEEDEATER	450	0	0	0	0
1276	1998	7	9040	MOWERS	MOWER, PUSH	350	0	0	0	0
1277	1998	7	9041	MOWERS	MOWER, PUSH	350	0	0	0	0
1278	2000	7	9042	MOWERS	MOWER, PUSH	350	0	0	0	0
1279	2012	7		MOWERS	MOWER, PUSH	350	0	394	0	0
1281	2014	5	9045	WEED WHIPS	WEED WHIP	500	0	563	0	0
1282	2014	5		WEED WHIPS	WEEDEATER	500	0	563	0	0
1283	2012	5		WEED WHIPS	WEEDEATER	400	0	0	0	0
1284	2009	6		WEED WHIPS	WEEDEATER	400	0	0	0	0
1285	2014	10		WEED WHIPS	STIHL COMBI SYS.	400	0	0	0	0
1286	2014	10		WEED WHIPS	STIHL COMBI SYS.	400	0	0	0	0
1287	2014	10		WEED WHIPS	STIHL COMBI SYS.	400	0	0	0	0
1289	2005	15		MISC. EQ	AUGERS FOR SKID STEER	1,200	0	0	1,378	0
1300	2005	15		MISC. EQ	HARLEY RAKE	4,500	0	0	5,169	0
1301	2005	15		MISC. EQ	GRAPPLE FORKS	1,500	0	0	1,723	0
1302	2005			SNOW PLOW	PLOW ON #1	1,800	0	0	0	0
1315	1982		9048	SNOW PLOW	PLOW ON 76		0	0	0	0
1324	1995		N/A	SNOW PLOW	AIRPORT PLOW		0	0	0	0
1395	2012	15		MISC. EQ	MESSAGE BOARD	12,500	0	0	0	0
1396	2012	15		MISC. EQ	MESSAGE BOARD	12,500	0	0	0	0
1397	2010	15		MISC. EQ	MESSAGE BOARD	12,500	0	0	0	0
1398	2006	15	10697	MISC. EQ	MESSAGE BOARD	12,500	0	0	14,646	0
1399	2006	15	10696	MISC. EQ	MESSAGE BOARD	12,500	0	0	14,646	0
1400	2003		9955	MISC. EQ	SALT BRINE STATION		0	0	0	0
1401	2003		9954	MISC. EQ	SALT BRINE TANKS		0	0	0	0
1404	2007	25		HEATER			0	0	0	0
1451	1986	35	9058	WATER TANK	MOUNTED ON 220	10,000	0	0	11,717	0
1454	1999		N/A	MISC. EQ	FLATBED MOUNTED ON		0	0	0	0
1455	2000	22		MISC. EQ	SINGLE AXLE SNOW BOX		0	0	0	0
1457	2001	22	9312	MISC. EQ	FLATBED		0	0	0	0
1461	2003	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0
1462	2003	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0
1463	2004	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0
1464	2004	20		MISC. EQ	TANDEM AXLE SNOW BOX		0	0	0	0
1465	2005			MISC. EQ			0	0	0	0
1466	2005			MISC. EQ			0	0	0	0
1467	2005			MISC. EQ			0	0	0	0
1468	2005			MISC. EQ			0	0	0	0
1469	2005			MISC. EQ			0	0	0	0
1470	2007			MISC. EQ	ODB		0	0	0	0
1471	2004	20		MISC. EQ	FEEDER CONVEYOR		0	0	0	0
1472	2004	20	10283	MISC. EQ	STACKER CONVEYOR		0	0	0	0
1475	2008			MISC. EQ	ALLIED HOLE HOG		0	0	0	0
1480	2009			MISC. EQ	ACCUBRINE		0	0	0	0
1488	1994			MISC. EQ	BRINE STORAGE TANK		0	0	0	0
1489	1994			MISC. EQ	BRINE STORAGE TANK		0	0	0	0
1490	1992			MISC. EQ	WASTE OIL TANK		0	0	0	0
1491	2006	15	N/A	AIR COMP.	Shop Permanant Air Com	16,000	0	0	18,747	0
1492	2004	15	10282	MISC. EQ	EMERGENCY GEN. JEFFERSON		0	0	0	0
1494	2000	30	N/A	GENERATOR	EMERGENCY GEN. DPW	3,200	0	0	0	0
1503	2014	15	8946	SNOW PLOW	PLOW ON 203	12,500	0	0	0	0
1504	2014	15	8950	SNOW PLOW	PLOW ON 204	12,500	0	0	0	0
1505	2014	15	8954	SNOW PLOW	PLOW ON 205	12,500	0	0	0	0
1506	2013	10	8989	SNOW PLOW	PLOW ON 206	12,500	0	0	0	0
1507	2006	11	8962	SNOW PLOW	PLOW ON 207	12,500	0	0	0	0
1508	2006	11	8966	SNOW PLOW	PLOW ON 208	12,500	0	0	0	0
1509	2006	11	8970	SNOW PLOW	PLOW ON 209	12,500	0	0	0	0

**DPW 5 year replacement plan**

					replacement	2018	2019	2020	2021	2022
					cost					
1517	2013	10	8880	SNOW PLOW PLOW ON 117	12,500	0	0	0	0	0
1518	2013	10	8883	SNOW PLOW PLOW ON 118	12,500	0	0	0	0	0
1520	1993	24	8997	SNOW PLOW PLOW ON	13,500	0	0	0	0	0
1522	1993	24	8993	SNOW PLOW PLOW ON	13,500	0	0	0	0	0
1523	2008		N/A	SNOW PLOW PLOW ON #23		0	0	0	0	0
1541	2015	10		PLOW PLOW ON #41 & #42	7,500	0	0	0	0	0
1542	2015	10	9026	PLOW PLOW ON #41 & #42	7,500	0	0	0	0	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	0
1547	2015	10	8974	SNOW PLOW PLOW ON	13,500	0	0	0	0	0
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	0
1552	2015	10	8817	SNOW PLOW PLOW ON 52	13,500	0	0	0	0	0
1553	2013	10	8958	SNOW PLOW PLOW ON 51	13,500	0	0	0	0	0
1554	2013	10	9006	SNOW PLOW PLOW ON 54	13,500	0	0	0	0	0
P55	2003	20	9695	SNOW PLOW PLOW ON 55	3,000	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	17,665	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	20,978	0	0	0	0
PW65	1996		8839	SNOW PLOW PLOW ON 65		0	0	0	0	0
1566	1999	20	8841	SNOW PLOW PLOW ON 66	19,000	0	21,397	0	0	0
1593	2009	20		SNOW PLOW PLOW ON 93 (Wings)	30,000	0	0	0	0	0
1603	1996	24	8947	SNOW WING WING ON 203	6,500	0	0	7,466	0	0
1604	1996	22	8951	SNOW WING WING ON 204	6,500	7,177	0	0	0	0
1605	1996	22	8955	SNOW WING WING ON 205	6,500	7,177	0	0	0	0
1606	1993	20	8990	SNOW WING WING ON 206	6,500	0	0	0	0	0
1607	2006	20	8963	SNOW WING WING ON 207	6,500	0	0	0	0	0
1608	2006	20	8967	SNOW WING WING ON 208	6,500	0	0	0	0	0
1609	2006	20	8971	SNOW WING WING ON 209	6,500	0	0	0	0	0
1617	1992	23	8881	SNOW WING WING ON 117	6,500	0	0	0	0	0
1618	1992	23	8884	SNOW WING WING ON 118	6,500	0	0	0	0	0
1620	1993	27	8998	SNOW WING WING ON 220	6,500	0	0	7,466	0	0
1622	1993	27	8994	SNOW WING WING ON 222	6,500	0	0	7,466	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	6,500	0	0	0	0	0
1647	1993	22	8975	SNOW WING WING ON	6,500	0	0	0	0	0
1649	1993	22	9002	SNOW WING WING ON	6,500	0	0	0	0	0
1650	1993	22	8982	SNOW WING WING ON	6,500	0	0	0	0	0
1651	2010	20		SNOW WING WING ON 51	6,500	0	0	0	0	0
1652	2011	20	8818	SNOW WING WING ON 52	6,500	0	0	0	0	0
1653	2013	20	8821	SNOW WING WING ON	6,500	0	0	0	0	0
1654	2013	20	8824	SNOW WING WING ON	6,500	0	0	0	0	0
ComDe	2008		N/A	SNOW PLOW PLOW ON #22		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	0	0
1703	2009	15	8948	SPREADERS SPREADER ON 203	2,500	0	0	0	0	0
1704	2009	15	8952	SPREADERS SPREADER ON 204	2,500	0	0	0	0	0
1705	2009	15	9008	SPREADERS SPREADER ON 205	2,500	0	0	0	0	0
1706	1994	15	8960	SPREADERS SPREADER ON 206	2,500	0	0	0	0	0
1707	2006	15	8964	SPREADERS SPREADER ON 207	2,500	0	0	0	2,929	0
1708	2006	15	8968	SPREADERS SPREADER ON 208	2,500	0	0	0	2,929	0
1709	2006	15	8972	SPREADERS SPREADER ON 209	2,500	0	0	0	2,929	0
1717	2005			SPREADERS SPREADER	30,000	0	0	0	0	0
1718	2005	20		SPREADERS SPREADER	21,000	0	0	0	0	0
1749	2003	20		MISC. EQ BARREL FILLER	15,000	0	0	0	0	0
1720	2009	14		SPREADERS SPREADER ON 220	15,000	0	0	0	0	0
1722	2009	14	9057	SPREADERS SPREADER ON 220, 222	15,000	0	0	0	0	0
1753	2003	16	9956	SPREADERS SPREADER	120,000	0	135,139	0	0	0
1754	2003	16	9957	SPREADERS SPREADER	120,000	0	135,139	0	0	0
1751	2003	17	9958	SPREADERS SPREADER	120,000	0	0	137,842	0	0
1750	2005	16	10458	SPREADERS SPREADER	120,000	0	0	0	140,599	0
1746	2005			SPREADERS SPREADER	30,000	0	0	0	0	0
1747	2005			SPREADERS SPREADER	30,000	0	0	0	0	0
B82	1969	50	8852	BOILERS ON 82	80,000	0	90,093	0	0	0
B85	1996	50		BOILERS ON 85	80,000	0	0	0	0	0
B86	1978	50	8857	BOILERS ON 86	80,000	0	0	0	0	0
1835	2007	16		ASPHLT BOX ON TRUCK #35	45,000	0	0	0	0	0
1836	2007	16		ON TRUCK #36	45,000	0	0	0	0	0
<b>Totals</b>						<b>\$ 1,253,684</b>	<b>\$ 1,348,418</b>	<b>\$ 1,396,572</b>	<b>\$ 1,422,972</b>	<b>\$ 1,325,205</b>

**PD 5 year Replacement Plan**

						<b>Current replacement cost</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
4500	2017	10		Pickup	LT pickup	32000	0	0	0	0	0
4501	2014	6	10429	Utility	Marked Sq	32000	0	0	42110	0	0
4502	2017	6		Sedan	Marked Sq	32000	0	0	0	0	0
4503	2012	6		Sedan	Marked Sq	32000	35331	0	0	0	0
4504	2017	5		Sedan	Marked Sq	32000	0	0	0	0	45546
4505	2013	6		Utility	Marked Sq	32000	0	36037	0	0	0
4506	2012	6	10434	Sedan	Marked Sq	32000	35331	0	0	0	0
4507	2014	6	10435	Utility	Marked Sq	32000	0	0	42110	0	0
4508	2016	5	10436	Utility	Marked Sq	32000	0	0	0	43794	0
4509	2018	5	10437	Utility	Marked Sq	32000	0	0	0	0	0
4510	2012	7		Utility	Marked Sq	32000	0	36037	0	0	0
4515	2016	5		Utility	Marked Sq	32000	0	0	0	43794	0
4516	2018	5		Sedan	Marked Sq	32000	0	0	0	0	0
4517	2013	5		Utility	Marked Sq	32000	35331	0	0	0	0
4518	2018	5		Sedan	Marked Sq	32000	0	0	0	0	0
4525	2014	5		Utility	Marked Ut	32000	0	36037	0	0	0
4537	2013	9	10427	Sedan	Un-Markec	32000	0	0	0	0	45546
4519	2014	5		Utility	Marked Sq	32000	0	36037	0	0	0
Squad setup							14000	14000	14000	14000	14000
4511	2005	15		Sedan (K9)	Marked Sq	32000	0	0	42110	0	0
4512	2008	14		Sedan (K9)	Marked Sq	32000	0	0	0	0	45546
4513	2013	14	10430	Sedan (K9)	Marked Sq	32000	0	0	0	0	0
4514	2010	7	10712	Sedan (K9)	Marked Sq	32000	0	0	0		
4546	2007	10		Sedan (SIU)	Un-Markec	8000	0	0	0	0	0
4533	2012	7		Sedan (SIU)	Un-Markec	15500	0	17456	0	0	0
4521	2014	2		Sedan	CSO, leasec	0	0	0	0	0	0
4522	2014	2		Sedan	CSO, leasec	0	0	0	0	0	0
4523	2014	2		Sedan	CSO, leasec	0	0	0	0	0	0
4526	2006	12	10707	Sedan	Un-Markec	0	0	0	0	0	0
4527	2008	10		Sedan	Un-Markec	0	0	0	0	0	0
4528	2008	11		Sedan	Un-Markec	0	0	0	0	0	0
4529	2008	11		Sedan	Un-Markec	0	0	0	0	0	0
4530	2013	10		Sedan	Un-Markec	0	0	0	0	0	0
4531	2008	9	PWTEE673	Sedan	Un-Markec	0	0	0	0	0	0
4532	2011	10	PDRYG127	Sedan	Un-Markec	0	0	0	0	0	0
4534	2006	11	10709	Sedan	Un-Markec	0	0	0	0	0	0
4535	2004	10	10426	Sedan	Un-Markec	0	0	0	0	0	0
4536	2006	10	10708	Sedan	Un-Markec	0	0	0	0	0	0
4538	2011	10	PDRYG150	Sedan	Un-Markec	0	0	0	0	0	0
4539	2006	11	10710	Sedan	Un-Markec	0	0	0	0	0	0
4545	2014	15	10711	Sedan	Un-Markec	36000	0	0	0	0	0
4549	2012	12		Sedan Ecor	Marked (Pc	0	0	0	0	0	0
4550	2007	9		Sedan Ecor	Marked (Pc	0	0	0	0	0	0
4543	2004	15		Motorcycle	Marked (Hi	17600	0	19820	0	0	0
4544	2012	15		Motorcycle	Marked (Hi	17600	0	0	0	0	0
4542	2000	12	9078	Van Body	ERV	0	0	0			
4551	1998	20		Trailer	Speed Trail	9194	10151	0	0	0	0
4552	1993	25		Trailer	Speed Trail	9194	10151	0	0	0	0
4553	1994	0		Trailer	Generator	6250	0	0	0	0	0
4554	1994	0		Trailer	Trailer Haulmark		0	0	0	0	0
							<b>\$ 140,294</b>	<b>\$ 195,425</b>	<b>\$ 140,329</b>	<b>\$ 101,588</b>	<b>\$ 150,638</b>

## LD Vehicle Lease Plan 5 Year

				repl cost	2018	2019	2020	2021	2022
1001	2006	2018		6600	6600	6600	6600	6600	6600
1002	2016	2016	5	5924	5924	5924	5924	5924	5924
1006	2011			4900				4900	4900
1011	2010			4900				4900	4900
1012	2010			4900				4900	4900
1013	2010			4900				4900	4900
1015	2016	2016	5	5142	5142	5142	5142	5142	5142
1016	2016	2016	5	4666	4666	4666	4666	4666	4666
1019	2016	2016	5	4351	4351	4351	4351	4351	4351
1022	2008	2018		6100	6100	6100	6100	6100	6100
1023	2008	2018		6100	6100	6100	6100	6100	6100
1024	2014	2022		6300					6300
1025	2007	2018		6100	6100	6100	6100	6100	6100
1027	2004	2017		0	0	0	0		
1028	2010	2020		6100			6100	6100	6100
1039	1999	2017		4500	4500	4500	4500	4500	4500
1173	2012								
1174	2016	2016		4351	4351	4351	4351	4351	4351
1175	2012								
1176	2012								
1177	2015								
1179	2017	2017		4600	4600	4600	4600	4600	4600
1193	2010	2020		6100			6100	6100	6100
1195	2006	2017		5900	5900	5900	5900	5900	5900
1196	2006	2018		5900	5900	5900	5900	5900	5900
1198	2005	2017		4500	4500	4500	4500	4500	4500
1199	2005	2017		4500	4500	4500	4500	4500	4500
1201	2016	2016		4351	4351	4351	4351	4351	4351
2538	2016	2016		6638	0	0	0		
2539	2011								
2540	2009								
2542	2003	2018		6200	0	0	0		
4520	2006								
4521	2016	2016		4773	4773	4773	4773	4773	4773
4522	2016	2016		3789	3789	3789	3789	3789	3789
4523	2016	2016		4291	4291	4291	4291	4291	4291
4526	2017	2016		4094	4094	4094	4094	4094	4094
4527	2008	2018		4300	4300	4300	4300	4300	4300
4528	2008	2018		4300	4300	4300	4300	4300	4300
4529	2008	2017		4200	4200	4200	4200	4200	4200
4530	2013	2019		4500		4500	4500	4500	4500
4531	2008	2018		4500	4500	4500	4500	4500	4500
4532	2011	2019		4500		4500	4500	4500	4500
4533	2012	2019		4900		4900	4900	4900	4900
4534	2017	2016		4094	4094	4094	4094	4094	4094
4535	2017	2016		4094	4094	4094	4094	4094	4094
4536	2017	2016		4094	4094	4094	4094	4094	4094
4538	2011	2020		4500			4500	4500	4500
4539	2006	2016		4094	4094	4094	4094	4094	4094
4540	2013								
4541	2016	2016		4666	4666	4666	4666	4666	4666

**LD Vehicle Lease Plan 5 Year**

			<b>repl cost</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
4546	2007	2017	4200					
4549	2012	2019	5100		5100	5100	5100	5100
4550	2017	2016	4888	4888	4888	4888	4888	4888
4651	2000	2017	5500	5500	5500	5500	5500	5500
4654	2008	2018	5300	5300	5300	5300	5300	5300
4655	2012	2021	5300					5300
4657	2008	2017	4800	4800	4800	4800	4800	4800
4658	2008	2017	4800	4800	4800	4800	4800	4800
4682	2007	2021						
4668		2016	6379	6379	6379	6379	6379	6379
				<b>170541</b>	<b>189541</b>	<b>206241</b>	<b>225841</b>	<b>237441</b>

**FD 5 Year Replacement Plan**

					repl cost	2018	2019	2020	2021	2022
4664	2003	17	9717	Pumper Engine 4	450,000	0	0	516,909	0	0
4661	2006	15	10533	Pumper Engine #2	450,000	0	0	0	527,247	0
4662	2014	16	9069	Pierce Pur Engine #1 (Future Station #2)	432,692	0	0	0	0	0
4663	2009	16	9070	Pumper Engine #3	450,000	0	0	0	0	0
4665	1984	38	9084	Aerial 100 Truck #2	1,000,000	0	0	0	0	1,195,093
4695	2012	40		Aerial 100 Truck #1	1,000,000	0	0	0	0	0
<b>Ambulance / Med Units</b>						0	0	0	0	0
4669	2006	12		Ambulance Med 4	204,251	225,510	0	0	0	0
4670	2009	10		Ambulance Med 3	204,251	0	230,020	0	0	0
4672	2013	10		Ambulance Med 2	204,251	0	0	0	0	0
4671	2013	10		Ambulance Med 1	204,251	0	0	0	0	0
4673	2003	14	9716	Ambulance Med 5	204,251	0	0	0	0	0
<b>Other Support Vehicles &amp; Equipment</b>						0	0	0	0	0
4651	2000	11	9087	Van Utility 1 - Utility van	0	0	0	0	0	0
4654	2008	12		SUV Car 1 - Chief (Expedition)	0	0	0	0	0	0
4655	2012	15		SUV Car 5 - Incident Comm.	29,000	0	0	0	0	0
4657	2008	11		Van Car 4 - Inspectors Van	0	0	0	0	0	0
4658	2008	11		Van Car 3 - Inspectors Van	0	0	0	0	0	0
4667	1996	16	9083	Truck Tanker 1 - 3,000 Gallon	0	0	0	0	0	0
4668	1995	21	9089	Pickup Truck Utility 3 - 6 pass. crew cab	0	0	0	0	0	0
4682	2007	12		Truck Car 2 - Jefferson Ramp Responder	0	0	0	0	0	0
4674	2000	16	9081	Truck Rescue 1	250,000	0	0	0	0	0
4677	1984	0	9082	Trailer Trailer 1 - Fire Safety House	0	0	0	0	0	0
4678	1993	20	9072	Trailer Trailer 2 - Chemical Acc. Eq.	0	0	0	0	0	0
4681	1993	35	Boat #1	Boat 2 - 16' Rescue Boat	8,700	0	0	0	0	0
	2005	20	Boat	Boat 1 - Inflatable rubber rescue	4,000	0	0	0	0	0
4675	1998	25	9073	Truck Tractor, Haz-Mat 5th Whl 4x4	0	0	0	0	0	0
4676	1987	25	9074	Truck Tractor, Haz-Mat 5th Whl 4x4	0	0	0	0	0	0
4679	1997	25		Trailer Trailer, Decon Haz-Mat	0	0	0	0	0	0
4680	1996	30	9075	Trailer Trailer, Command Hazmat	77,000	0	0	0	0	0
						<b>\$ 225,510</b>	<b>\$ 230,020</b>	<b>\$ 516,909</b>	<b>\$ 527,247</b>	<b>\$ 1,195,093</b>

**CITY OF WAUSAU**

**INFRASTRUCTURE**

**CITY OF WAUSAU CAPITAL BUDGET  
DETAIL ANALYSIS OF 2018 INFRASTRUCTURE PROJECTS**

	ACCT NO.	SPECIAL FUNDING SOURCE	TOTAL REQUEST	Special Funding	DEFERRED TO FUTURE YEAR	2018 BUDGET
<b>LAND ACQUISITION</b>						
Thomas Street Widening	CO balance	TID #6				-
Stewart Avenue	CO balance					-
<b>TOTAL LAND ACQUISITION</b>			<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>DOT PROJECTS</b>						
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					-
Townline Rd, Grand to Easthill Design Review	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			30,000			30,000
Grand Avenue Intersection			85,000			85,000
<b>TOTAL DOT PROJECTS</b>			<u>\$ 115,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 115,000</u>
<b>STREET IMPROVEMENTS</b>						
Ashland Ave, Evergreen to Meadowview	150 232098230		\$ 88,065			\$ 88,065
Meadowview Rd, Ashland to cul-de-sac			130,810			130,810
Eldred Street, Cherry to 1st Ave			90,125			90,125
S. 10th Ave, West to Pardee			109,180			109,180
Pardee St, 7th Ave to 10th Ave			196,215			196,215
Roosevelt St, Broadway to Grant			509,850			509,850
Callon St, 6th Ave to 12th Ave	TID 6		485,555	485,555		-
<b>TOTAL STREET IMPROVEMENTS</b>			<u>\$ 1,609,800</u>	<u>\$ 485,555</u>	<u>\$ -</u>	<u>\$ 1,124,245</u>
<b>BOULEVARD TREES &amp; LANDSCAPING</b>						
For 2018 project streets and subdivisions	150 232098237	CO balance				\$ -
			<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>THOMAS STREET</b>						
Thomas Street Design	144 344998212	CO balance		TID #6		\$ -
			<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>ASPHALT OVERLAY AND ALLEY PAVING</b>						
Asphalt Paving	150 232698230		\$ 500,000			\$ 500,000
Alley Paving	150 232698236		40,000			40,000
<b>TOTAL ASPHALT OVERLAY AND ALLEY PAVING</b>			<u>\$ 540,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 540,000</u>
<b>SIDEWALKS</b>						
Annual Sidewalk Replacement Contract	150 233098240		200,000			\$ 200,000
<b>TOTAL SIDEWALKS</b>			<u>\$ 200,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 200,000</u>
<b>STREET LIGHTING</b>						
			<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>TOTAL STREET LIGHTING</b>			<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>BRIDGE MAINTENANCE</b>						
Expansion Joints	CO balance					\$ -
Concrete Repair	CO balance					-
<b>TOTAL BRIDGE MAINTENANCE</b>			<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

**CITY OF WAUSAU CAPITAL BUDGET  
DETAIL ANALYSIS OF 2018 INFRASTRUCTURE PROJECTS**

	ACCT NO.	SPECIAL FUNDING SOURCE	TOTAL REQUEST	Special Funding	DEFERRED TO FUTURE YEAR	2018 BUDGET
<b>STORM SEWER</b>						
	150 236198250					
Pardee St, 7th Ave to 10th Ave		CO balance	\$ 75,000		\$ -	\$ 75,000
Roosevelt St, Broadway to Grant		plus \$343,500	120,000			120,000
Consultant Design and Study Fees			25,000			25,000
Maintenance of Stormwater BMP's			100,000			100,000
BMP Construction/Modification			-			-
Stormwater Coalition Membership			2,500			2,500
Wetland Delineation Studies			10,000			10,000
Other Costs - DNR fees, Outreach Program, Training			11,000			11,000
<b>TOTAL STORM SEWER</b>			<b>\$ 343,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 343,500</b>
<b>OTHER PROFESSIONAL SERVICES</b>						
	150 236592190					
Unanticipated Engineering Studies		CO balance plus \$50,000	\$ 50,000	-		50,000
<b>TOTAL OTHER PROFESSIONAL SERVICES</b>			<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>
<b>OTHER CAPITAL EXPENDITURES</b>						
	150 236598290					
Concrete Pavement Repairs (joints/cracks)			\$ 350,000			\$ 350,000
Pavement Markings			150,000			150,000
Curb Replacement			20,000			20,000
<b>TOTAL OTHER CAPITAL REPAIRS</b>			<b>\$ 520,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 520,000</b>
<b>PARKING RAMP CAPITAL EXPENDITURES</b>						
	150 237598437					
Annual Maintenance/repairs			\$ -			\$ -
<b>TOTAL RAMP CAPITAL EXPENDITURES</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>GIS HARDWARE/SOFTWARE</b>						
Conversion of GIS Imagery - prof. services			20,000		\$ -	\$ 20,000
<b>TOTAL GIS HARDWARE/SOFTWARE</b>			<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,000</b>
<b>INDUSTRIAL PARK</b>						
<b>TOTAL INDUSTRIAL PARK</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>WATERMAINS</b>						
Ashland Ave, Evergreen to Meadowview		Utility	\$ 5,000	5,000	\$ -	\$ -
Meadowview Rd, Ashland to cul-de-sac		Utility	5,000	5,000	\$ -	-
Eldred St, Cherry St to N. 1st Ave		Utility	40,000	40,000		-
South 10th Ave, West to Pardee		Utility	-	-		-
Pardee St, 7th Ave to 10th Ave		Utility	75,000	75,000		-
Roosevelt St, Broadway to Grant		Utility	270,000	270,000		-
Callon St, 6th Ave to 12th Ave		Utility	230,000	230,000		-
<b>TOTAL WATER MAINS</b>			<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ -</b>	<b>\$ -</b>
<b>SANITARY SEWER</b>						
Ashland Ave, Evergreen to Meadowview		Utility	5,000	5,000		-
Meadowview Rd, Ashland to cul-de-sac		Utility	5,000	5,000		-
Eldred St, Cherry St to N. 1st Ave		Utility	35,000	35,000		-
South 10th Ave, West to Pardee		Utility	25,000	25,000		-
Pardee St, 7th Ave to 10th Ave		Utility	35,000	35,000		-
Roosevelt St, Broadway to Grant		Utility	210,000	210,000		-
Callon St, 6th Ave to 12th Ave		Utility	75,000	75,000		-
<b>TOTAL SANITARY SEWER</b>			<b>\$ 390,000</b>	<b>\$ 390,000</b>	<b>\$ -</b>	<b>\$ -</b>
<b>GRAND TOTAL</b>			<b>\$ 4,413,300</b>	<b>\$ 1,500,555</b>	<b>\$ -</b>	<b>\$ 2,912,745</b>

**CITY OF WAUSAU**

**WATER UTILITY**

WAUSAU WATER WORKS - DRINKING WATER DIVISION								
2018-2022 CAPITAL PLAN								
IMPROVEMENTS/PROJECTS	COST EST	FUND SOURCE	2018	2019	2020	2021	2022	
<b>TRANSPORTATION EQUIPMENT - VEHICLES</b>								
LIGHT DUTY TRUCK	\$145,000	OP FUNDS	35,000	35,000	35,000	40,000		
DUMP TRUCK	\$170,000	BORROW	170,000					
<b>TOOLS, SHOP AND GARAGE</b>								
BACKHOE REPLACEMENT	\$125,000	OP FUNDS	125,000					
HURCO (ADDITIONAL AND REPLACEMENT)	\$80,000	OP FUNDS		80,000				
<b>METERS &amp; RADIO READ BOXES</b>								
METER REPLACEMENT (ON-GOING)	\$390,000	BORROW	300,000	90,000				
<b>TREATMENT PLANT</b>								
PUMPING/FILTRATION/CLEAR WELL	\$9,450,000	BORROW			5,000,000	4,450,000		
PLANT FILTER REHAB	\$700,000	BORROW	300,000	400,000				
HIGH LIFT PUMP 4 VFD AND REHAB	\$45,000	OP FUNDS	45,000					
SS PLANT REHABILITATION	\$200,000	BORROW	200,000					
<b>TOWERS/RESERVOIRS/BOOSTER STATIONS</b>								
MONROE BOOSTER STATION RECONSTRUCTION	\$350,000	BORROW	350,000					
RESERVOIR INSPECTIONS	\$30,000	OP FUNDS		30,000				
<b>BUILDINGS AND STRUCTURES</b>								
NONE								
<b>WELLS</b>								
FUTURE WELL	\$650,000	BORROW						\$650,000
WELLS 6 & 7 METER UPGRADES	\$36,000	OP FUNDS	\$36,000					
<b>OFFICE FURNITURE AND EQUIPMENT</b>								
COMPUTER EQUIPMENT	\$20,000	OP FUNDS	\$20,000					
CUSTOMER BILLING SYSTEM UPGRADE	\$250,000	OP FUNDS	\$125,000	\$125,000				
<b>SUBTOTAL</b>	<b>\$12,641,000</b>		<b>\$1,706,000</b>	<b>\$760,000</b>	<b>\$5,035,000</b>	<b>\$4,490,000</b>	<b>\$650,000</b>	
<b>DISTRIBUTION/SUPPLY MAINS</b>								
<b>Street Projects</b>								
8TH STREET (HAMILTON TO BRIDGE)	\$100,000	OP FUNDS			\$100,000			
Henrietta St (Bellis to 13th St)	\$160,000	OP FUNDS		\$160,000				
Bertha St (Mary to Zimmerman)	\$120,000	OP FUNDS			\$120,000			
East Wausau Ave (RR Tracks to 3rd St)	\$30,000	OP FUNDS		\$30,000				
Eldred (Cherry St. to 1st Ave)	\$40,000	OP FUNDS	\$40,000					
Callon St (6th Ave to 12th Ave)	\$230,000	BORROW	\$230,000					
Townline (Grand to City Limits) DOT	\$600,000	BORROW		\$600,000				
1st Ave (Thomas to Stewart Ave) DOT	\$180,000	BORROW		\$180,000				
Roosevelt St (Broadway to Grant)	\$270,000	BORROW	\$270,000					
Pardee St, 7th Ave to 10th Ave	\$75,000	OP FUNDS	\$75,000					
Ashland Ave, Evergreen to Meadowview	\$25,000	OP FUNDS	\$25,000					
Meadowview Rd, Ashland to dead end	\$25,000	OP FUNDS	\$25,000					
Fulton Street Extension	TBD	TID #3						
<b>Proposed Developments/Extensions</b>								
Ind Park WM Relocate (Dietary Pros)	\$90,000	OP FUNDS		\$90,000				
Northwestern Ave (Higgenbotham)	\$130,000	OP FUNDS		\$130,000				
West Wausau (Timberline)	\$200,000	OP FUNDS	\$200,000					
West Business Campus W&S (TID \$600K)	\$600,000	TID \$600K	\$0					
Greenwood Hills Phase 2	TBD	BORROW						
<b>General Distribution Projects</b>								
STEWART AVE LOOPING-12"-60/68 AVE	\$150,000	OP FUNDS	\$150,000					
LOOPING MAIN 10"- FRANKLIN ST TO HAMILTON ST	\$135,000	OP FUNDS		\$135,000				
LOOPING MAIN STETTIN DRIVE, 48TH AVE TO 52ND AVE	\$85,000	OP FUNDS			\$85,000			
RIVER DRIVE (PIN HOLES IN WM)	\$80,000	OP FUNDS		\$80,000				
ELM ST (14TH-17TH AVE) 17TH AVE (ELM-STEWART)	\$540,000	BORROW			\$540,000			
17TH AVE LINING (ELM NORTH TO EAST SIDE HWY 51)	\$220,000	OP FUNDS			\$220,000			
<b>MISC EXTENSIONS</b>	<b>\$900,000</b>	<b>BORROW</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>			
<b>SERVICES</b>								
LEAD SERVICE REPLACEMENT	\$90,000	OP FUNDS	\$30,000	\$30,000	\$30,000			
<b>SUBTOTAL</b>	<b>\$5,075,000</b>		<b>\$1,345,000</b>	<b>\$1,735,000</b>	<b>\$1,395,000</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL PLANNED CAPITAL EXPENDITURES</b>			<b>\$3,051,000</b>	<b>\$2,495,000</b>	<b>\$6,430,000</b>	<b>\$4,490,000</b>	<b>\$650,000</b>	
* Potential cost if Wausau were to annex Brokaw								
		BORROW	\$2,120,000					
		OP FUNDS	\$931,000					

**CITY OF WAUSAU**

**SEWER UTILITY**

WAUSAU WATER WORKS - WASTEWATER DIVISION							Updated: 07/21/2017	
2018-2021 CAPITAL PLAN								
IMPROVEMENTS/PROJECTS	PROJECTED COST	FUND SOURCE	2018	2019	2020	2021	2022	
			Budget	Budget	Budget	Budget		
<b>SEWER TREATMENT PLANT</b>								
Primary Clarifier 1 Rehab	285,000	GO, B	285,000					
Primary Clarifier 2 Rehab	335,000	GO, B	335,000					
Plant Maintenance, Safety, and Security	45,000	GO, B	45,000					
WWTP Paving	150,000	GO, B	150,000					
Aeration Tanks Auto Actuator Valve	100,000	GO, B	100,000					
Security Camera and Gate Controls	30,000	GO, B	30,000					
Clarifier Discharge Pipe Painting	50,000	GO, B	50,000					
Sludge Dewatering System	1,700,000	GO, B		700,000	1,000,000			
Pipe Identification/Painting	25,000	GO, B	25,000					
MCC-5 (Press Room) Upgrade	40,000	GO, B		40,000				
Raw Pump #3 Rebuild	40,000	GO, B		40,000				
Isolation Gate (wetwell) between Raw Pumps #2 & #3	100,000	GO, B		100,000				
Rehab 2 Filter Presses/1 Belt Thickener	350,000	GO, B, RF		350,000				
Plant Boiler Replacement	250,000	GO, B	250,000					
Bypass Valve Reconstruction - To River	100,000	GO, B		100,000				
Aeration Tanks - Gut Pre-Mix Lines	80,000	GO, B		80,000				
Gravity Belt Thickener	300,000	GO, B, RF			300,000			
Phosphorus Removal Upgrades	1,700,000	GO, B		250,000	250,000	1,200,000		
Water Plant Sludge Dewatering	200,000	GO, B			200,000			
Grit Building Ventilation Rehab	75,000	GO, B		75,000				
Lab/Office/Locker Room Upgrades	150,000	GO, B					150,000	
Final Clarifier Covers	200,000	GO, B					200,000	
Secondary Digester Conversion	500,000	GO, B					500,000	
Class A Sludge System	2,000,000	GO, B				500,000	1,500,000	
<b>SEWER LIFT STATIONS</b>								
Lift Stn Higgenbotham Addtn	250,000	GO, B	250,000					
Lift Stn Ind Park (3rd pump and bar screen)	250,000	GO, B	250,000					
Lift Station Control Panel Upgrades	40,000	GO, B		40,000				
Backup Generator Upgrades	150,000	GO, B	75,000		75,000			
Crocker St.	200,000	GO, B	50,000	150,000				
Townline Lift Station	180,000	GO, B			180,000			
Lift Station Forcemain Cleaning	100,000	GO, B		100,000				
Airport Lift Station Bar Screen	300,000	GO, B			300,000			
<b>OFFICE EQUIPMENT</b>								
Office Computers/Software	30,000	GO, B, RF		30,000				
Plant Computers/Software	30,000	GO, B, RF		30,000				
Customer Billing System Upgrade	125,000	GO			125,000			
<b>TRANSPORTATION EQUIPMENT</b>								
Light Duty Trucks	60,000	GO, B		30,000		30,000		
<b>Subtotal</b>	<b>10,520,000</b>		<b>1,895,000</b>	<b>2,115,000</b>	<b>2,430,000</b>	<b>1,730,000</b>	<b>2,350,000</b>	
<b>SEWER COLLECTION</b>								
<b>Sewer Collection System Projects</b>								
Slipline Sewers (Cured in Place)	1,250,000	GO, B	400,000	425,000	425,000			
Interceptor Line H2S Repairs (delay \$150K to 2018)	2,150,000	GO, B	150,000	500,000	500,000	500,000	500,000	
Townline Lift Station Forcemain	50,000	GO, B		50,000				
Indtrl Park Sewer Reloc-Dietary Pro-prior yr (realloc 72 Av L	200,000	GO, B	200,000					
I&I Grouting and Repairs	400,000	GO, B		100,000	100,000	100,000	100,000	
<b>Street Projects</b>								
Eldred (Cherry-1st Ave)	50,000	GO, B	50,000					
Callon Street (6th-12th Ave)	75,000	GO, B	75,000					
Roosevelt, Broadway to Grant	210,000	GO, B	210,000					
2nd St. (Bridge-E Wausau)	100,000	GO, B	100,000					
Townline (Grand to City Limits) DOT	280,000	GO, B		280,000				
1st Ave (Thomas to Stewart Ave) DOT	200,000	GO, B		200,000				
<b>Proposed Developments/Extensions</b>								
Northwestern Avenue (Higgenbotham)	120,000	GO, B	120,000					
West Wausau (Timberline)	160,000	GO, B		160,000				
West Business Campus W&S (TID \$600K)	0	TID						
Greenwood Hills Phase 2	TBD	GO, B						
Unanticipated Sewer Projects	1,500,000	GO, B	500,000	500,000	500,000			
<b>Subtotal</b>	<b>6,745,000</b>		<b>1,805,000</b>	<b>2,215,000</b>	<b>1,525,000</b>	<b>600,000</b>	<b>600,000</b>	
<b>TOTAL PLANNED CAPITAL EXPENDITURES</b>			<b>3,700,000</b>	<b>4,330,000</b>	<b>3,955,000</b>	<b>2,330,000</b>	<b>2,950,000</b>	
<b>Notes</b>								
B - Borrow								
GO - General Operating Funds								
RF - Equip Replacement Fund								