

MINUTES
COMMITTEE #1
REVENUES, DISBURSEMENTS, WATER AND WASTEWATER
September 28, 2023

Committee #1 - Revenues, Disbursements, Water and Wastewater met on Thursday, September 28, 2023 at 9:00 am in the Council Chambers, City Hall, 30 West Central Street, Chippewa Falls, WI.

Committee Members present: John Monarski, Rob Kiefer, and Paul Nadreau

Mayor/Other Council Members present:

Others present: Finance Manager/Treasurer Lynne Bauer; City Planner/Transit Manager Brad Hentschel; City Engineer Bill McElroy; Police Chief Matt Kelm; Street, Fleet and Utility Maintenance Manager Rick Ruf; and City Clerk Bridget Givens.

Call to Order: 9:00 am

1. Discuss funding for traffic counter purchases. Possible recommendation to the Council.

City Engineer McElroy advised that the current traffic counters are eleven years old and on year four after being refurbished. The model we currently utilize will no longer be serviceable in 2024. Funds for replacement of the traffic counters would be available from the existing budget due to an unfilled position.

Motion by Monarski/Kiefer to recommend Council approve the purchase of new traffic counters as presented with funding to come from the current Engineering Budget. **All present voting aye, motion carried.**

2. Discuss funding options for transit vehicle replacement. Possible recommendation to the Council.

City Planner/Transit Manager Hentschel stated that transit vehicles have been difficult to source, and as such, funds budgeted for the purchase of new vehicles were not completely expended in 2021 or 2022. It was noted that these unused, budgeted funds were added to the General Fund. Vehicles are now available for purchase. Federal funding covers 80%, but there is a budget shortfall of roughly \$8,000.

Motion by Nadreau/Monarski to recommend Council approve the use of \$8,000 from the General Fund toward the purchase of a new transit vehicle. **All present voting aye, motion carried.**

3. Discuss funding for purchase of parking enforcement vehicle. Possible recommendation to the Council.

Chief Kelm advised the Committee that this item was referred back for additional consideration as he initially thought three out-of-commission squads were available for sale, but there are only two.

Discussion was had relative to issues with the existing parking enforcement vehicle, the omitted budget process, and availability of funds in the Police Department's current budget due to vacancies. Kelm noted the MSRP on the proposed Go4 Parking Enforcement Vehicle is \$36,500.

Motion by Kiefer/Monarski to recommend Council approve the purchase of a Go4 Parking Enforcement Vehicle with funds to come from the sale of two out-of-commission squad cars, the current parking enforcement vehicle, and the Police Department's 2023 budget. **All present voting aye, motion carried.**

4. Adjournment.

Motion by Nadreau/Monarski to adjourn at 9:15 am. **All present voting aye, motion carried.**

**Minutes submitted by,
Rob Kiefer, Chair**

Memo

To: Common Council Committee #1
From: Chippewa Falls Engineering Office/Bill McElroy
Date: 9/21/2023
Re: Purchase of Traffic Counters

This memo is to provide additional information regarding the purchase of four new traffic counters.

Background/Use

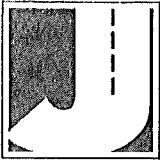
The Engineering Department currently owns four Trax Apollyon tube traffic counters that were purchased in December 2012. The purchase price at that time was \$1295 per counter. The counters were refurbished by JAMAR (the manufacturer) in 2019 for \$675. The batteries are typically what needs the most repair/replacement. JAMAR indicates that the batteries are typically good for 5-6 years. The software used for analyzing the data was upgraded in 2021 as the old software was no longer operable (\$1095). The tube counters are used for traffic counts on our street reconstruction projects, speed studies, and other traffic studies. The traffic counts on our street reconstruction projects are used to determine the street width and the pavement design.

Our current counters are 11 years old and on year 4 after being repaired. The Trax Apollyon model has been discontinued by JAMAR and they will not service them by mid 2024 due to no longer stocking parts for that model.

Solution

It is proposed to purchase four new Trax Pinnacle Counters from JAMAR. Four counters are needed in order to ensure consistent data in multiple blocks of counts. The Pinnacle Counters are the base model of tube counter replacing the Apollyon model. The Engineering Department also evaluated radar units. We had one in house as a demo, but did not feel it gave enough added benefit to justify the cost (about 4x as much). JAMAR is currently running a promotion on the tube counters reducing the price from \$1595 per unit to \$1000 per unit. The promotion is occurring until the end of September but they will honor the price through the October 3rd Council meeting. Attached is a quote for 4 new counters with the necessary tubes, clamps and plugs for a total of \$5110.50. Other manufacturers were researched but cost significantly more due to having to purchase their software. The Pinnacle Counters would utilize our current software.

It is proposed to purchase the four traffic counters utilizing funds from unstaffed positions within the Engineering Department in 2023.



JAMAR Technologies, Inc.

TRAFFIC COUNTING EQUIPMENT AND SUPPLIES
DISTANCE MEASURING EQUIPMENT AND SUPPLIES

1500 Industry Road, Suite C

Hatfield, PA 19440

Phone 215-361-2244 • Fax 215-361-2267

QUOTATION

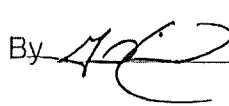
DATE: 9/20/2023

QUOTATION NO. 95485

P - (715) 726-2736 Ext. 0000
F - (000) 000-0000 Ext. 0000

CITY OF CHIPPEWA FALLS
ENGINEERING DEPT.
30 WEST CENTRAL
2ND FLOOR
CHIPPEWA FALLS WI 54729

BILL MCELROY

		CUSTOMER ID	SALES PERSON	SHIPPING METHOD	PAYMENT TERMS	REQUIRED SHIP DATE	MASTER NUMBER
		6428	GERRY KIMMEL	UPS	NET 30	0/0/0000	167,897
QUANTITY ORDERED	ITEM NUMBER	DESCRIPTION				UNIT PRICE	EXTENDED PRICE
4 EACH	JPIN-4RT-GPS-K	PINNACLE CLASSIFIER, 4RT/GPS/BICYCLE W/CHAIN & LOCKS				\$1,595.0000	\$4,000.00
1 EACH	J-8871	USB DOWNLOAD CABLE				\$35.0000	\$35.00
3 EACH	J-7031A(B)	2-100' ROUND .187 EPDM TUBE				\$252.0000	\$756.00
2 EACH	J-9902	MASTIC TAPE, SUMMER - 4" X 60' ROLL				\$48.0000	\$96.00
10 EACH	J-5523	END PLUGS .187 ID (ALL JAMAR TUBE)				\$1.2500	\$12.50
10 EACH	J-5519	FIGURE 8 GRIP				\$2.9500	\$29.50
10 EACH	T-1173	GALVANIZED CLAMPS - ROUND TUBE				\$1.2500	\$12.50
1 BOX	J-5507	HARDENED NAILS 2.5"				\$29.0000	\$29.00
0.00 *	LIMITED TIME OFFER:					\$0	\$0.00
		*TRAX PINNACLE TUBE COUNTER - \$1000.00 (LIST: \$1595.00)					
0.00 *	WARRANTY:					\$0	\$0.00
		*INCLUDES: 1-YEAR MANUFACTURER'S WARRANTY - PARTS & LABOR					
0.00 *	SOFTWARE REQUIRED:					\$0	\$0.00
		*STARNEXT SOFTWARE (PURCHASED ON 6/4/2021)					
0.00 *	SOLE SOURCE:					\$0	\$0.00
		*JAMAR Technologies, Inc. is the Sole Source Manufacturer & Distributor of the TRAX Pinnacle Tube Counter along with the STARNext Software Program.					
					By 	Subtotal	\$4,970.50
						Misc	\$0.00
						Tax	\$0.00
						Freight	\$140.00
						Total	\$5,110.50

CHIPPEWA FALLS POLICE

Integrity • Compassion • Commitment

TO: Finance Manager/Treasurer Lynne Bauer
 FROM: Chief Kelm
 DATE: Updated 8/23/2023
 REF: PD items for consideration for 2023

PD Items for ARPA/Bonding/Borrowing			
Rank	Cost	Funding Options	Description
1	\$49,450 (installation and 2-year contract) est.	Eligible ARPA	Flock Safety ALPR cameras
2	\$23,160 - \$45,320	Eligible ARPA (2 shields) *Approved DOA LE Grant (1 shield)	Rifle Shields (3-6)
3	\$7,500 est.	Eligible ARPA	Taser Resupply
4	\$30,000 - \$50,000 est.	Eligible ARPA Eligible Bonding/Borrowing Eligible Sale/Trade-in existing Scooter	Parking Enforcement Vehicle
5	\$5,360 - \$9,475 est.	Eligible ARPA	Leadership Training
6	\$33,000 est.	Eligible ARPA Eligible Bonding/Borrowing Eligible Sale/Trade-in existing Squads	Investigator Squad Replacement
7	\$35,000 est.	Eligible ARPA Eligible Bonding/Borrowing Eligible Sale/Trade-in existing Squads	K9 Squad Replacement
8	\$21,525 - \$55,125 est.	Eligible ARPA Eligible Bonding/Borrowing	Police Department Flooring
9	\$15,000 - \$18,000 est.	Eligible ARPA Eligible Borrowing	PD Building Air Duct Cleaning
10	\$4,000 est.	Eligible ARPA Eligible Borrowing	Police Department Office Desks
	Approved items		
	\$125,000 est.	Approved Bonding	PD Roof
	\$4,200 Approved	Approved WI DOA LE Grant	Medical Response Bags
	\$3,987.60 Actual Cost	Approved WI DOA LE Grant	Traffic Safety Lighting
	\$1,800 Approved	Approved WI DOA LE Grant	Death Investigation Training
	*\$7720 Approved	*Approved WI DOA LE Grant	(1) Rifle Shield

Note: All costs are estimates unless otherwise noted and may be subject to change

Note: WI DOA LE Grant projected remaining amount is at approximately \$0. Must be spent in 2024.

FLOCK Camera system Flock Safety | Flock Cameras

Cost: \$49,450 (installation and 2-year contract)

\$3,000 per year per camera + one-time installation of \$350 per camera

\$2,500 per year Advanced Search

Recommend 7 cameras be installed

Note: Due to the nature of this item, I would want to provide further explanation via a Zoom and/or a PowerPoint presentation

The Flock Safety camera system allows the use of Automatic License Plate Reader (ALPR) technology to be mounted on poles overseeing traffic in strategically located places in public locations to monitor various areas of the City and alert officers to wanted or stolen vehicles or vehicles of interest in crimes or in special cases such as Amber, Green or Silver Alerts. The public's knowledge of these cameras being used and the success of such cameras acts as a deterrent to criminal activity.

ALPRs have the ability, without human effort, to take multiple still photos of vehicles and quickly check wanted status, missing person status if a person is linked to a specific vehicle, or an Amber/Silver/Green Alerts. Suspect vehicles can be witnessed at a crime, such as a retail theft or assault, where the caller will provide dispatch with a color, make, model, plate number, etc. Often times, the callers are only able to get minimal information which makes it difficult to identify the suspect(s). Normal cameras capture the side of a car which is of limited value, Flock Safety ALPR cameras capture the really useful data.

Flock Safety's ALPR cameras are somewhat unique in that they not only detect a license plate number, but the software can also detect type of vehicle, color, unique characteristics, etc. Vehicles entered into a wanted list, based upon their involvement in reported criminal acts, that are detected by the ALPRs will cause a real-time alert to be sent to officers that a vehicle for which law enforcement is looking for drove by one of the cameras within the City.

A very common concern everywhere with this kind of system is privacy. Flock Safety is very aware of this and they focus on protecting personal data/privacy. They have put in place robust privacy features which include the following:

- Data is automatically deleted every 30 days unless saved by the department as evidence in a case;
- Data is securely stored in an encrypted cloud-based system required of law enforcement sensitive data and Flock Safety does not share or sell data to third parties;
- Only individuals approved by the Department will be allowed to access data. Even then these individuals must note the reason why and typically a case number showing a legitimate law enforcement purpose. In addition to that, the system records all access to data which can be audited on a regular basis; and
- Data collected is for specific vehicles – not people. These ALPRs do not have facial recognition.

All communities are concerned about privacy so it is worth noting that 1,500 communities in 42 states have looked at it and are choosing to use Flock Safety cameras.

In 2022 the nearby City of Rice Lake conducted a trial of the Flock Safety camera. They saw immediate results. In fact, during their initial training on the system they were able to confirm a suspect vehicle plate number involved in a hit/run crash to an occupied vehicle based off a known vehicle description and possible partial plate number.

Within just the 3-month trial period (from March-May) they were able to use the system to solve a variety of crimes and community concerns:

- March 4th – Stolen vehicle recovered based on an alert from ALPR on Main Street.
- March 19th – Report of teens shooting people with water beads on Main St. Only a vehicle description was provided. Officers were able to use the ALPR data to discover who the vehicle owner was. Parents were contacted and handled.
- March 20th – Stolen property complaint. Owner reported a theft from his business and provided a vehicle description. Officers learned vehicle owner through use of the ALPR data and contacted the suspect in less than an hour. Property was returned to owner.
- March 22nd – Domestic incident at local hotel. Suspect vehicle description was provided and license plate was discovered through ALPR data. Officer located vehicle within minutes.
- March 22nd – Suspect was wanted for a domestic incident. ALPR alert on Main St allowed officers to locate unoccupied vehicle fairly quickly. Suspect was located in the area and arrested.
- April 6th – Intentional gas drive-off at local gas station. Officer used ALPR data to locate correct vehicle and license plate number.
- April 14th – Stolen license plate from Montana. Officer was able to locate vehicle after ALPR alert and recovered license plate.
- April 21st – Suspect vehicle from a drug transaction was entered into the system. Approximately three hours later, officers located the vehicle based upon an ALPR alert and the suspect was taken into custody.

The City of Barron recently implemented Flock Safety Cameras. In the first 3 days they had two apprehensions completely due to the cameras.

A telling fact about the success of these cameras is that the City of Rice Lake decided to fund 8 cameras after the trial period ended. The City of Hudson installed 16 Flock Safety Cameras. These are significant investments for communities of this size. In addition, these area cities, this year the City of Altoona is also investing in Flock Safety cameras.

As a result of the successes realized by the City of Rice Lake, other law enforcement agencies in the area are reported to have or be considering adding Flock Safety ALPRs in their communities. This will undoubtedly reduce crime and improve efficiencies in law enforcement in this area. Each community with Flock Safety cameras can, and typically does, choose to share their data with every other community. The outstanding thing about Flock Safety cameras is that the more communities that have them, the more crimes and criminal activity can be solved. This can make it an amazing force multiplier for police.

The cost to lease a Flock Safety ALPR is \$3,000 per year / per camera*. There are also miscellaneous costs for set up or to move cameras. Instead of the added cost and difficulty of connecting these cameras to city electrical power, they have a solar power option similar to our speed boards. The City of Rice Lake has been using these cameras over the last several years and the solar panels have provided power in all weather conditions without maintenance.

Another interesting characteristic is that Flock Safety ALPR cameras can also be sold to private persons/groups/businesses to help keep local neighborhoods safe. This is an opportunity to further work with members of the community, specifically businesses, to expand the use of such cameras. In doing so, the Department could further support its' mission of community policing and well as potentially offset the cost of some of these cameras. Finally, we can reach out to area businesses to see if they would be willing to fund some of these cameras near their businesses.

The Flock Safety Advance Search feature allows our officers three additional features. First, is the Convoy Analysis feature. This feature allows a user to search any license plate, plus or minus one minute of a suspect vehicle. This would be helpful in identifying accomplice vehicles. Second, it allows users to conduct a Visual Search. Here a user can upload a known suspect vehicle picture and search all cameras for it. This would be beneficial in attempting to locate suspect vehicles where the license plate cannot be read from a security camera, but the vehicle has special features which are not searchable in the current program such as a ladder in the rear of a pickup truck at an odd angle. Lastly, it allows users the ability to use a Multi-geo search. This search would be used to search several cameras over different periods to look for a vehicle. This would be helpful to locate a vehicle which participated in multiple thefts at different known times. This feature costs \$2,500 each year. Flock Safety does offer a 30 day no cost opt out trial. Additionally, the contract can be ended after the 2-year period without cost.

*If the city decides to move ahead on this before April 1 the cost per camera per year is reduced by \$500. This would mean a savings of \$7,000.

Rifle Shields

Cost \$7,720 per shield. (requesting 3-6 shields) (Note: 1 was approved and received)

Our current ballistic shields will not stop rifle rounds which are being seen more often in shootings, including the recent school shooting in TX. Advances in portable shields now allow for much lighter armor that can be carried as a shield to help protect them from head to toe from rifle fire. The shield we have tested only weighs 17lbs, meaning patrol officers can deploy it effectively, even in longer duration critical incidents.

This armor protects from some 5.56mm and 7.62 mm rifle ammunition and also provides additional protection from handgun rounds. This is exceptionally thin and lightweight compared to older rifle shields that were so heavy they were virtually unusable as a portable solution.

An analysis of active shooter situations show that the majority of suspects are using rifles. A rifle shield in the hands of a trained police officer allows for the possibility of living through an encounter with a rifle armed suspect when we must enter immediately to stop the killing.

Officers have tested this version of the shield and it will work for us.

If approved this amount would allow us to order and have in place shields making it likely to nearly certain a rifle shield will be available on scene when it is needed.

This cost could be partially off-set by training in existing ballistic shields that can only stop handgun ammunition.

Taser Resupply

Cost: \$7,350 for 3 Taser X26P, 10 Batteries & 60 cartridges

The Conducted Energy Device (CED) in use by the CFPD is the Taser X26 and X26P. Both models are being phased out in favor of the Taser 7 by Axon. We have learned that Axon is still offering multi-year warranties on the X26P which leads us to believe they will be supporting the X26P for years to come.

Our preference is to stay with the X26P vs. moving to the Taser 7 now for several reasons. The cost of the Taser 7 is exorbitant. The Taser 7 is considerably bulkier requiring a redesign of many officer's vests or belts to accommodate its size. The Taser 7 has several advantages over the X26 models including a better sighting system, availability of a second shot without reloading and stronger darts able to connect through more clothing. It also has rechargeable batteries. The Taser 7 has a recommended service life of 5 years. Additionally, Axon has just come out with the Taser 10 which we have not yet had a change to look at. Given the high cost, I would only want to upgrade from the X26P one time.

In speaking with our training officer who just attended a Taser update training, we do not believe that increased benefits are not worth the cost at this time. The X26P is a proven piece of equipment that our officer are very trained and comfortable with.

Therefore, we want to increase the number of Taser X26P units to phase out the older X26 as well as fully outfit patrol and have enough to arm additional officers who may be working during critical incidents and special events. We want to increase our resupply of batteries. Finally, we want to purchase more cartridges so we can increase training with live ammunition and have resupply on hand.

The Taser has been an important less lethal use of force option for the police department that has been in continual use for well over a decade. Over the last 6 years the Taser has been used to de-escalate situations 49 times just by being pointed towards the suspect and 13 times by actually being deployed.

Finally, Menomonie PD has transitioned to the Taser 7. This allows us to watch them and see if the switch was worth the cost and reassess in future years.

Parking Enforcement Scooter

Cost: \$30,000 - \$50,000 Estimated

Our current parking scooter was purchased in 2020. After years of use it is just too underpowered to be a long-term solution in the winter. The number of options are extremely limited, especially with today's supply chain issues, as the unit has to have center or right hand steering.

One options is \$46,600. This would be a right hand steer 2023 Jeep Wrangler 4dr Sport. This vehicle is expensive, but would serve our needs for many years to come. This is what ECPD uses for Parking Enforcement.

A second option would be a Westward Industries Parking Enforcement Vehicle. These are vehicles specifically designed for parking enforcement. The closest dealer is out of Minneapolis.

- \$29,925 Go4 Parking Enforcement Vehicle – gasoline powered. Our previous parking scooter was a Go4 and it lasted a very long time. [GO4 Parking and Enforcement Vehicles | GO4 | Westward Industries](#)
- \$36,750 MaxEV 4-wheel Electric. 4 or Rear-wheel drive. Battery lasts 2000 recharges or (typically 5-8 years depending on use and environment) [MAX-EV 4 Wheel LSV | Electric Utility Vehicle \(westwardindustries.com\)](#)

From what I was able to see on-line, our current Gem E2 may have a sale or trade in value of an estimated \$8,000.

Leadership Training

Cost: \$5,040 - \$10,315

With recent retirements of senior supervisors, the PD is faced with Sergeants and Lieutenants with very little experience in their current role. As you can see below, I am by far the most senior in my role with 7 years as Chief. The drop off after that is steep.

Supervisors time in current role (as of the end of June 2023):

Ryan Douglas as Lieutenant	1 year 5 months
Korry Boos as Lieutenant	6 months
Sheridan Pabst as Sergeant	3 years 11 months
Stephen McMahon	1 year 10 months
Drew Zehm	1 year 2 months
Cody Monson	6 months

Also, all officers are sent to a first line supervisor course when they hit 5 years of experience as this is the minimum amount of experience to promoted to Sergeant. This year James Harper and Nathan Bowe were sent.

We cannot purchase experience, but we can do the next best thing by sending them to training. Succession planning is crucial for any organization and especially so for police departments.

These are the training sessions that are needed. This are all vetted, top level courses:

- Drew Zehm and Cody Monson
 - Leadership in Police Organizations - \$4115 (yet to be accepted)
- Ryan Douglas
 - Command College - \$2000 (Accepted)
- James Harper and Nathan Bowe

- FBI-LEEDA Supervisor Leadership Institute – \$1680 (Completed)
- Sheridan Pabst
 - FBI-LEEDA Command Leadership Institute – \$840 (Accepted)
- Korry Boos
 - FBI-LEEDA Executive Leadership Institute – \$840 (Accepted)

Sending our supervisors to these trainings this year will help out significantly in addressing this concern. This is a one-time cost to get us to a good level. Future leadership training can be more incremental and should be able to be folded into our normal operational training budgets.

If all of the officers are accepted to these courses that would account for 46% of our total training budget. With the Lieutenant of Investigations and both general investigators all being new and requiring a large amount of specific training in addition to our normal annual training needs, we will almost certainly be over our operational training budgets without this being approved.

Investigator Squad Replacement

Cost: \$33,000

We have an investigator squad which is a 2018 Ford Explorer with apparent transmission issues that we would like to replace with a vehicle similar to what we did last year. Last year our 2009 Chev Impala investigator squad that was replaced with a Honda CRV. This has been an outstanding vehicle for the police department with excellent gas millage for travel to training sites. As expected it blends in with other vehicles for surveillance work and everyone here enjoys using it.

Last year this replacement was estimated to cost \$33,000 and we were able to get that down to \$25,000 with a good trade-in.

Note: We have several PD vehicles that could be sold or traded in to defer this cost.

K9 Squad Replacement

Cost: \$35,000 estimate

The K9 Squad is a 2019 Chev Tahoe with 46,000 miles. The vehicle was purchased at the state bid price of \$36,000. A 2023 Chev Tahoe would have cost \$24,567 with the trade in of our current squad. Current pricing is unknown, but estimated to be more than the 2023 price. I would project a changeover cost of \$5,000 to move the equipment into a new vehicle. Essentially replacing a four-year-old vehicle while it still has good value with a new vehicle at the municipal pricing.

Note: We have several PD vehicles that could be sold or traded in to defer this cost.

Police Department Flooring

Cost Option #1: \$21,525 to purchase materials for later installation. Flooring styles are commonly discontinued from year to year. (2021 price + 5%)

Cost Option #2: \$55,125 full project (2021 price + 5%)

The carpet flooring in the police department is in poor condition and needs replacement due to 24/7 use of the floor by 29 employees and visitors over the last decade.

PD Building Air Duct Cleaning (new item)

Cost: \$15,000 - \$18,000 Estimated

This request is to get the air ducts at the police department professionally cleaned. To my knowledge this has not been done before.

The air duct cleaning would be similar to what was done at the Library a couple of years ago.

Police Department Office Desks

Cost: \$4,000

Two of the investigator offices need new desks. These desks are custom made to the office room dimensions and match the existing office that does have a new desk. See quote.

Currently there is no desk for our parking enforcement worker to use. She will need the ability to work at a desk on her computer to manage the parking enforcement program as well as to check her email and other office tasks. Finding a desk that will match the other furniture in the records area is estimated at \$1,000 or less.