

AGENDA
BOARD OF PUBLIC WORKS MEETING
Tuesday, January 29, 2019 at 7:00 p.m.
Jackson Village Hall
N168W20733 Main Street
Jackson, WI 53037

1. Call to Order and Roll Call.
2. Approval of the Board of Public Works minutes of November 27, 2018.
3. Review of Proposal from City Water for Water Expansion Area Evaluation Study
4. Review of Purchase for Parks Department Mower Replacement.
5. Resolution #19-03 Accepting Sewer and Water Cobblestone Meadows.
6. Discussion on creating a yard waste and drop-off site.
7. Discussion of Village Informational Signs.
8. Director of Public Works Report.
9. Citizens/Village Staff to address the Board.
10. Adjourn.

Persons with disabilities requiring special accommodations for attendance at the meeting should contact the Village Hall at least one (1) business day prior to the meeting.

It is possible that members of the Village Board may attend the above meeting. No action will be taken by any governmental body at this meeting other than the governmental body specifically referred to in this meeting notice. This notice is given so that members of the Village Board may attend the meeting without violating the open meeting law.

DRAFT Minutes
Board of Public Works Meeting
Tuesday, November 27, 2018 at 7:00 p.m.
Jackson Village Hall
N168W20733 Main Street

1. Call to Order and Roll Call.

Chair Olson called the meeting to order at 7:00 p.m.

Members present: Linda Granec, Brian Heckendorf, Tr. Lippold, Tr. Malcolm, Gloria Teifke and Scott Thielmann.

Members Excused: None.

Also present: Tr. Kurtz and Tr. Kruepke.

Staff present: Brian Kober and Jilline Dobratz.

2. Approval of the Board of Public Works Minutes of October 30, 2018.

Motion by Linda Granec, second by Chair Olson to approve the Board of Public Works minutes of October 30, 2018 with the correction of two items; change Member Linda Granec from absent to excused and Item #4 should read "energize" the service.

Vote: 6 ayes, 0 nays. Motion carried.

3. Resolution #18-27 - Final Special Assessment Ridgeway Drive.

Brian Kober reviewed Resolution #18-27 - Final Special Assessment Ridgeway Drive Reconstruction Project. The cost of the project was \$1,036,908.46, the base bid was \$1,012,202.40 and the amount being special assessed is \$69,297.41. The Engineer's Estimate was \$1,058,261.00. The Public Hearing will be held on December 11th at the Village Board meeting.

Motion by Chair Olson, second by Tr. Lippold to recommend to Budget & Finance and Village Board approval of Resolution #18-27 - Final Special Assessment Ridgeway Drive Reconstruction Project.

Vote: 6 ayes, 0 nays. Motion carried.

4. Resolution #18-28 - Final Special Assessment Rosewood Lane.

Brian Kober reviewed Resolution #18-28 - Final Special Assessment Rosewood Lane Improvement Project. This is for the properties on the south side of Rosewood Lane. The cost of the project was \$403,587.00 and the base bid was the same amount. The special assessment is for half of the road and the utilities. The special assessment total is \$133,450.43. The Engineer's Estimate amount was \$423,387.00. The Public Hearing will be held on December 11th at the Village Board meeting. The Tax roll was missed this year. The residents will receive a letter to select a payment plan.

Motion by Chair Olson, second by Linda Granec to recommend to Budget & Finance and Village Board approval of Resolution #18-28 - Final Special Assessment Rosewood Lane Reconstruction Project.

Vote: 6 ayes, 0 nays. Motion carried.

5. Review of Purchase for Utility Mower Replacement.

Brian Kober provided a handout for the mower replacement. Four mowers were researched with the recommendation to purchase the 74926 Z Master with the 747 cc engine from Tennes Ace Hardware. The 2014 Toro mower will be kept in the fleet.

Motion by Brian Heckendorf, second by Tr. Lippold to move the item to Budget & Finance and Village Board with recommendation to approve the 74926 Z Master not to exceed \$10,249.00.

Vote: 7 ayes, 0 nays. Motion carried.

Member Scott Thielmann arrived at 7:11 p.m. during Item #5 discussion.

6. Discussion on Creating a Yard Waste and Drop-Off Site.

Brian Kober distributed a yard waste drop-off site savings memo. Estimates of savings were calculated based on three Village Employees collecting curb side for three days a week, the collection for ten weeks and ten percent of residents participating with the drop-off site. A yard waste site card could be charged per residence to participate in the program. Discussion will continue at the next meeting in January to include bids on equipment and fencing costs.

7. Discussion of Village Informational Signs.

Brian Kober asked for direction on locations and what information would be on the signs. Scott Thielmann stated the signs in Hartford are big and easy to read from a distance. Gloria Teifke stated the School, Village Hall, Police Department, Fire Department, Community Center and the Parks should be on the signs. Brian Heckendorf stated the Hartford signs were purchased from TAPCO. Also, a Truck Route sign toward County P. Direction is for staff to put together sign recommendations.

8. Director of Public Works report.

Brian Kober gave the report. The new salt building is to be completed and filled with salt this year.

Motion by Linda Granec, second by Tr. Lippold to place the Director of Public Works report on file.

Vote: 7 ayes, 0 nays. Motion carried.

9. Citizens/Village Staff to Address the Board.

Brian Heckendorf inquired on the Department of Public Works radios and if any new radios will be purchased. Brian Kober stated the radios work and they will continue to use the old system. They also have truck radios and portables.

Brian Kober commented the new Building Inspector, Collin Johnson, started on Monday. There is no Board of Public Works meeting in December.

Linda Granec stated this is her last meeting, she is moving out of the Village.

10. Adjourn.

Motion by Scott Thielmann by, second by Linda Granec to adjourn.

Vote: 7 ayes, 0 nays. Meeting was adjourned 7:47 p.m.

Respectfully submitted,

Jilline Dobratz, *CMC/WCMC*
Village Clerk/Treasurer

Memo

To: John Walther, Village Administrator
From: Brian W. Kober, P. E., Director of Public Works
Subject: Jackson Parks Department – Mower Purchase
Date: January 23, 2019
CC: Board of Public Works; Village Board

Per the 2019 Budget Presentation and the approved 2019 Budget, please find the sales quotation for the purchase of another Exmark mower from St. Lawrence Equip. Inc. We are only seeking one quote for the following reasons:

- 1) Village staff are pleased with the functioning of the Exmark Mower purchased last year, and is recommending purchase of another;
- 2) This year's quote is \$55.00 lower than that last years;
- 3) The price includes an extra set of blades and one year of service;
- 4) The 2019 budget has \$13,000.00 budgeted for the purchase.

Recommend approval of the Exmark mower per Quote # 3888 from St. Lawrence Equip. Inc. for a purchase price of \$12,390.00.

If you have any questions, please do not hesitate to ask.

Brian W. Kober, P.E.

No. 3888

INVOICE SALES QUOTATION PURCHASE ORDER • Agriculture • Light Construction • Landscape

St. Lawrence Equip. Inc.

4889 Hwy 175 • Hartford, WI 53027
Phone: 262-644-5455 • Fax: 262-644-5060
sales@stlawrenceequip.com



Customer Name Village of Jackson Date 1-15-19
Address N168W20733 Main Str Customer Phone No. 414-640-7951 Russ
City Jackson State WI Zip 53037 Salesman Benny

Qty	New / Used	Make	Model	Serial No.	Description	Amount
1	N	Exmark			LZX921GKA726C1 Commercial Zero Turn Suspension Platform 72" Deck - 921cc Kawasaki-Operator Controlled Discharge	
Net Bid Price						*12390.00

TRADE-INS Buyer certifies below Trade-Ins to be free of liens

Make	Model	Serial No.	Description	Trade-In Allowance

Bid price includes as a repeat customer
Extra Set of Blades
Oil + Oil Filter for 1st Service.

Balance	*12390.00
Sales Tax	-
Sub-Total	*12390.00
Downpayment	-
Balance Due	*12390.00

- SOLD USED AS-IS. No warranty of any kind has been given by the dealer or his agent.
- SOLD USED with 50-50 Warranty. The dealer hereby warrants this (these) machine(s) for _____ days after _____ 20 _____ with the understanding that necessary repairs made within this period of time will be charged half to the buyer and half to the dealer, of total retail cost of parts and labor used.
- SOLD NEW WITH Exmark warranty (specify warranty used)

Buyer's signature: _____ Date _____

THIS ORDER IS VALID ONLY WHEN SIGNED AND ACCEPTED BY THE DEALER.

Accepted by: Benny Schulz Date 1-15-19



RESOLUTION #19-03

**A RESOLUTION ACCEPTING THE SANITARY SEWER AND
WATER SYSTEM ASSOCIATED WITH THE COBBLESTONE
MEADOWS DEVELOPMENT**

The Village Board of the Village of Jackson, Washington County, Wisconsin, does resolve as follows:

BE IT RESOLVED that the Village hereby accepts, pursuant to the provisions of Chapter 44 of the Village Code, the Sanitary Sewer and Water System associated with the Cobblestone Meadows Development in the Village of Jackson, Washington County, Wisconsin.

Introduced by: _____

Seconded by: _____

Vote: ___ Aye ___ Nay

Passed and Approved: _____

Michael E. Schwab, Village President

Attest: _____
Jilline S. Dobratz – Village Clerk/Treasurer

Proof of Posting:

I the undersigned, certify that I posted this Resolution on bulletin boards at the Village Hall, Post Office, and one other location in the Village.

Village Official

Date

Public Works Report

January 29, 2019

Treatment Plant - Designed Capacity – 1.67 million gallons per day
Peak Flow Capacity – 6.0 million gallons per day

Year 2016

January	Avg. Flow 611,323 g.p.d.	Min. Flow 451,000 g.p.d.	Max. 924,000 g.p.d.
February	Avg. Flow 640,793 g.p.d.	Min. Flow 496,000 g.p.d.	Max. 851,000 g.p.d.
March	Avg. Flow 821,839 g.p.d.	Min. Flow 567,000 g.p.d.	Max. 1.463 MGD
April	Avg. Flow 718,000 g.p.d.	Min. Flow 563,000 g.p.d.	Max. 1.079 MGD
May	Avg. Flow 615,000 g.p.d.	Min. Flow 490,000 g.p.d.	Max. 937,000 g.p.d.
June	Avg. Flow 622,700 g.p.d.	Min. Flow 513,000 g.p.d.	Max. 892,000 g.p.d.
July	Avg. Flow 690,935 g.p.d.	Min. Flow 457,000 g.p.d.	Max. 1.074 MGD
August	Avg. Flow 1.039 MGD	Min. Flow 822,000 g.p.d.	Max. 1.338 MGD
September	Avg. Flow 1.333 MGD	Min. Flow 813,000 g.p.d.	Max. 2.166 MGD
October	Avg. Flow 1.319 MGD	Min. Flow 949,000 g.p.d.	Max. 2.572 MGD
November	Avg. Flow 1.111 MGD	Min. Flow 859,000 g.p.d.	Max. 1.818 MGD
December	Avg. Flow 1.211 MGD	Min. Flow 889,000 g.p.d.	Max. 2.063 MGD

Year 2017

January	Avg. Flow 1.230 MGD	Min. Flow 979,000 g.p.d.	Max. 1.606 MGD
February	Avg. Flow 1.204 MGD	Min. Flow 926,000 g.p.d.	Max. 2.141 MGD
March	Avg. Flow 1.559 MGD	Min. Flow 1.09 MGD	Max. 2.398 MGD
April	Avg. Flow 1.552 MGD	Min. Flow 1.049 MGD	Max. 2.446 MGD
May	Avg. Flow 1.392 MGD	Min. Flow 666,000 g.p.d.	Max. 2.588 MGD
June	Avg. Flow 1.283 MGD	Min. Flow 763,000 g.p.d.	Max. 2.429 MGD
July	Avg. Flow 1.225 MGD	Min. Flow 879,000 g.p.d.	Max. 1.711 MGD
August	Avg. Flow 1.049 MGD	Min. Flow 750,000 g.p.d.	Max. 1.414 MGD
September	Avg. Flow 870,300 g.p.d.	Min Flow 714,000 g.p.d.	Max. 1.132 MGD
October	Avg. Flow 953,871 g.p.d.	Min. Flow 563,000 g.p.d.	Max. 1.257 MGD
November	Avg. Flow 886,967 g.p.d.	Min. Flow 729,000 g.p.d.	Max. 1,154 MGD
December	Avg. Flow 835,484 g.p.d.	Min. Flow 651,000 g.p.d.	Max. 1.074 MGD

Year 2018

January	Avg. Flow 893,258 g.p.d.	Min. Flow 693,000 g.p.d.	Max. 1.541 MGD
February	Avg. Flow 1.072 MGD	Min. Flow 651,000 g.p.d.	Max. 2.476 MGD
March	Avg. Flow 1.011 MGD	Min. Flow 702,000 g.p.d.	Max. 1.365 MGD
April	Avg. Flow		
May	Avg. Flow 1.577 MGD	Min. Flow 982,000 g.p.d.	Max. 2.807 MGD
June	Avg. Flow 1.053 MGD	Min. Flow 703,000 g.p.d.	Max. 1.422 MGD
July	Avg. Flow 942,871 g.p.d.	Min. Flow 699,000 g.p.d.	Max. 1.228 MGD
August	Avg. Flow 1.342 MGD	Min. Flow 700,000 g.p.d.	Max. 3.93 MGD
September	Avg. Flow 1.608 MGD	Min. Flow 1.07 MGD	Max. 3.47 MGD
October	Avg. Flow 1.540 MGD	Min, Flow 960,000 g.p.d.	Max. 2.67 MGD
November	Avg. Flow 1.268MGD	Min. Flow 940,000 g.p.d.	Max. 2.12 MGD
December	Avg. Flow 1.218 MGD	Min. Flow 880,00 g.p.d.	Max. 1.82 MGD

Years Summary of Water Consumption

2006 Total Pumpage 207,719,000 gallons	2007 Total Pumpage 217,224,000 gallons
2008 Total Pumpage 229,613,000 gallons	2009 Total Pumpage 231,160,000 gallons
2010 Total Pumpage 239,326,000 gallons	2011 Total Pumpage 240,268,000 gallons
2012 Total Pumpage 253,492,000 gallons	2013 Total Pumpage 228,371,000 gallons
2014 Total Pumpage 230,973,000 gallons	2015 Total Pumpage 222,621,000 gallons
2016 Total Pumpage 254,531,000 gallons	2017 Total Pumpage 251,387,000 gallons
2018 Total Pumpage 241,322,000 gallons	

Year 2016

Jan.	Avg.	580,680 g.p.d.	Highest Day 734,000 gals.	Total	18,001,000 gallons
Feb.	Avg.	603,930 g.p.d.	Highest Day 710,000 gals.	Total	17,514,000 gallons
March	Avg.	586,650 g.p.d.	Highest Day 693,000 gals.	Total	18,186,000 gallons
April	Avg.	660,200 g.p.d.	Highest Day 1.021 MGD	Total	19,806,000 gallons
May	Avg.	681,130 g.p.d.	Highest Day 997,000 gals.	Total	21,115,000 gallons
June	Avg.	781,870 g.p.d.	Highest Day 1.113 MGD	Total	23,456,000 gallons
July	Avg.	865,610 g.p.d.	Highest Day 1.046 MGD	Total	26,834,000 gallons
August	Avg.	817,940 g.p.d.	Highest Day 1.084 MGD	Total	25,356,000 gallons
Sept	Avg.	700,630 g.p.d.	Highest Day 835,000 gals	Total	21,019,000 gallons
Oct	Avg.	738,520 g.p.d.	Highest Day 1.235 MGD	Total	22,894,000 gallons
Nov	Avg.	654,530 g.p.d.	Highest Day 829,000 gals	Total	19,636,000 gallons
Dec	Avg.	668,190 g.p.d.	Highest Day 779,000 gals	Total	20,714,000 gallons

Year 2017

Jan.	Avg.	630,710 g.p.d.	Highest Day 771,000 gals.	Total	19,552,000 gallons
Feb.	Avg.	640,790 g.p.d.	Highest Day 885,000 gals	Total	17,942,000 gallons
March	Avg.	611,520 g.p.d.	Highest Day 691,000 gals	Total	18,957,000 gallons
April	Avg.	703,070 g.p.d.	Highest Day 1.173 MGD	Total	21,092,000 gallons
May	Avg.	683,420 g.p.d.	Highest Day 988,000 gals	Total	21,186,000 gallons
June	Avg.	762,230 g.p.d.	Highest Day 1.044 MGD	Total	22,867,000 gallons
July	Avg.	730,580 g.p.d.	Highest Day 953,000 gals	Total	22,648,000 gallons
August	Avg.	745,900 g.p.d.	Highest Day 903,000 gals	Total	23,123,000 gallons
Sept	Avg.	738,170 g.p.d.	Highest Day 996,000 gals	Total	22,145,000 gallons
Oct	Avg.	716,100 g.p.d.	Highest Day 1.055 MGD	Total	22,199,000 gallons
Nov	Avg.	646,500 g.p.d.	Highest Day 783,000 gals	Total	19,395,000 gallons
Dec	Avg.	654,230 g.p.d.	Highest Day 754,000 gals.	Total	20,281,000 gallons

Year 2018

Jan.	Avg.	674,710 g.p.d.	Highest Day 831,000 gals.	Total	20,916,000 gallons
Feb.	Avg.	660,820 g.p.d.	Highest Day 762,000 gals.	Total	18,503,000 gallons
March	Avg.	646,810 g.p.d.	Highest Day 784,000 gals.	Total	20,051,000 gallons
April	Avg.	656,300 g.p.d.	Highest Day 1.122 MGD	Total	19,689,000 gallons
May	Avg.	682,065 g.p.d.	Highest Day 840,000 gals.	Total	21,144,000 gallons
June	Avg.	694,600 g.p.d.	Highest Day 891,000 gals.	Total	20,838,000 gallons
July	Avg.	759,160 g.p.d.	Highest Day 1.172 MGD	Total	23,534,000 gallons
August	Avg.	728,450 g.p.d.	Highest Day 963,000 gals.	Total	22,582,000 gallons
Sept	Avg.	605,200 g.p.d.	Highest Day 842,000 gals.	Total	18,156,000 gallons
Oct	Avg.	619,320 g.p.d.	Highest Day 896,000 gals.	Total	19,199,000 gallons
Nov	Avg.	596,000 g.p.d.	Highest Day 907,000 gals.	Total	17,880,000 gallons
Dec	Avg.	607,419 g.p.d.	Highest Day 785,000 gals.	Total	18,830,000 gallons

Pump Capacity - Well #1- 400 g.p.m. Well #3 -900 g.p.m. Well #4 - 1200 g.p.m. Well #5 – 1,100 g.p.m. Well #6 – 800 g.p.m.

WWTP – Holding & Septage Receiving

2005	\$ 87,562.01	2006	\$101,115.11	2007	\$152,201.07	2008	\$210,441.47
2009	\$183,815.34	2010	\$197,653.66	2011	\$220,576.28	2012	\$236,224.70
2013	\$235,336.46	2014	\$203,938.32	2015	\$210,644.47	2016	\$220,473.17
2017	\$232,358.23						

2016	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,359,400			3,500	47,700	\$11,528.02
Feb	1,443,000			1,500	31,350	\$11,666.26
March	1,515,950			5,600	102,900	\$14,166.14
April	1,600,500			25,000	284,250	\$20,110.01
May	1,560,350			24,000	246,200	\$18,817.63
June	1,551,600			49,100	257,900	\$20,048.50
July	1,195,900			21,850	278,400	\$16,803.25
August	1,506,850			29,750	276,250	\$19,397.63
September	1,501,850			48,550	373,430	\$22,541.63
October	1,447,150			126,250	389,054	\$25,629.98
November	1,471,800			40,900	343,250	\$21,255.76
December	1,657,250			11,250	225,160	\$18,508.38

2017	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,287,450			10,500	57,100	\$11,503.39
Feb	1,358,400		28,500	1,750	78,550	\$13,361.76
March	1,678,850		22,000	28,100	174,900	\$18,967.89
April	1,581,350			35,600	320,900	\$21,306.63
May	1,745,550			51,150	394,600	\$25,002.63
June	1,664,600			38,700	321,950	\$22,081.26
July	1,599,070			33,100	230,150	\$19,070.78
August	1,669,850			35,100	273,850	\$20,774.14
September	1,430,000			37,350	248,125	\$18,422.13
October	1,710,550			64,200	454,850	\$26,768.38
November	1,541,700			50,150	353,050	\$22,395.00
December	1,174,400			13,700	127,250	\$12,539.26

2018	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,627,400			2,250	70,400	\$14,055.51
Feb	1,632,750			1,750	69,850	\$14,061.88
March	1,589,150			6,450	197,600	\$17,943.45
April	1,451,750			16,750	234,400	\$18,227.75
May	1,849,700			21,050	354,100	\$24,597.35
June	1,636,850			38,900	351,450	\$23,631.55
July	1,662,650			37,150	230,750	\$20,741.70
August	1,861,850			58,650	315,400	\$25,419.05
September	1,510,000			37,000	249,500	\$19,982.50
October	1,676,000			38,000	462,900	\$26,690.50
November	1,433,250			29,500	397,100	\$22,721.00

Rosewood Drive/TIF Expansion Project

The Rosewood Lane Project will have a punch list revisited in the Spring. A remaining item is lowering the electric services from overhead to underground. The northside of Rosewood Lane will wait until the land gets developed.

SCADA Upgrade Project

Town & Country Engineering and staff are working on completing the work order portion of the SCADA System project. No Change.

CTH P and STH 60 Intersection Project and old Park-n-Lot Property

Discussion continues with Washington County and WisDOT on ownership. Washington County Highway Commissioner has talked to WisDOT about the transfer of land. Working on a solution.

Ridgeway Drive Reconstruction Project

Streetlights are now working. The project will have a punch list revisited in the Spring.

Maplewood Farms

Waiting for the Developer to submit plans for the development.

Cobblestone Meadows Development

Waiting for the final plat to be approved by all approving agencies. Resolution 19-03 accepts the Sanitary Sewer and Water System installed with a one-year warranty.

Laurel Springs Addition No. 1

The Developer has resubmitted the plans with three phases. Working through the details to make the phasing work.

Public Works New Salt Building

The walls are up, and the roof framing is assembled, but ran out of good weather to complete. The concrete needs to have a sealant sprayed on to protect from the corrosion from the salt. We need the concrete to be at a temperature of 45 degrees or higher.

Coffeeville Connection Path

The path from Eagle Drive to Coffeeville is being design with a presentation at a future meeting.

Respectfully submitted, Brian W. Kober, P.E.