

AGENDA
BOARD OF PUBLIC WORKS MEETING
Tuesday, August 31, 2021 at 7:00 p.m.
Jackson Village Hall
N168 W20733 Main Street
Jackson, WI 53037

1. Call to Order and Roll Call
2. Approval of the Board of Public Works Minutes of July 27, 2021
3. Review of Water Connection Application - Feilbach
4. Pay Request #4 (Final) – Village of Jackson Improvements – Payne & Dolan
5. Pay Request #1 Willow Ridge Reconstruction Project – Soper Companies
6. Director of Public Works Report
7. Citizens/Village Staff to address the Board
8. 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, July 27, 2021 at 7:00 p.m.
Jackson Village Hall
N168 W20733 Main Street
Jackson, WI 53037

1. Call to Order and Roll Call

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

Members Present: Tr. Engelhardt, Tr. Matter, Sarah Malchow, Tim Meffert, Steve Schoen and Gloria Teifke

Staff Present: Administrator Jen Keller, Director of Public Works Brian Kober and Clerk Jilline Dobratz

2. Approval of the Board of Public Works Minutes of June 29, 2021

Motion by Tr. Matter second by Tr. Engelhardt to approve the Board of Public Works minutes of June 29, 2021.

Vote: 7 ayes, 0 nays. Motion carried.

3. Presentation of Twin Creeks Sewer Pump Station Capacity – City Water

Tom Nenning and Eric Fulsaa of City Water were present. Eric Fulsaa provided background information, the analysis, and recommendations. The three options of the analysis and current capacity of the sewer pump station are: do no upgrades with no extra development; upgrade/replace pump station for more capacity; or relay/install new interceptor sewer by Cedar Creek. Improvements would need to be made to the system to serve a new subdivision. This item was for information only and no action was necessary.

4. Review of Preliminary Special Assessment Willow Ridge Dr Reconstruction Project

Director Kober distributed the Preliminary Property Assessment project spreadsheet. Jackson Sewer Utility would be subsidizing Storm Sewer Improvements. The 30 property owners will be special assessed for sidewalk and storm sewer lateral.

Motion by Chair Heckendorf, second by Tr. Engelhardt to recommend Budget & Finance and Village Board the Jackson Sewer Utility Subsidize Storm Sewer Improvements for Willow Ridge Drive Reconstruction Project in the amount of \$65,937.76.

Vote: 7 ayes, 0 nays. Motion carried.

5. Review of One Ton Truck Street Department Quote

Director Kober gave background information on the increased truck quote. Due to the pandemic, Ewald Automotive Group was not able to previously order the truck.

Motion by Chair Heckendorf, second by Gloria Teifke to recommend Budget & Finance and Village approve the purchase of the 2022 One Ton Truck Street Department in an amount not to exceed \$32,509.00.

Vote: 7 ayes, 0 nays. Motion carried.

6. Resolution #21-16 Jackson Sewer Utility 2020 CMAR

Director Kober reviewed the annual report.

Motion by Tim Meffert, second by Tr. Matter to recommend Village Board approve Resolution #21-16 Jackson Sewer Utility 2020 CMAR.
Vote: 7 ayes, 0 nays. Motion carried.

7. Pay Request #7 – Spruce St & Ridgeway Dr Extensions – Wondra Construction, Inc.

Director Kober explained the pay request and update of the project.

Motion by Chair Heckendorf, second by Gloria Teifke to recommend Budget & Finance and Village Board approve Pay Request #7 – Spruce St & Ridgeway Dr Extensions – Wondra Construction, Inc in the amount of \$122,388.21.

Vote: 7 ayes, 0 nays. Motion carried.

8. Review of US Cellular & Verizon Cellular Antenna Agreement White Water Tower

Director Kober reviewed the agreements.

Motion by Tim Meffert, second by Chair Heckendorf to recommend Budget & Finance and Village Board approve US Cellular & Verizon Cellular Antenna Agreements White Water Tower.

Vote: 7 ayes, 0 nays. Motion carried.

9. Director of Public Works Report

After a short discussion on items. Motion by Chair Heckendorf, second by Tr. Matter to place the Director of Public Works Report on file.

Vote: 7 ayes, 0 nays. Motion carried.

10. Citizens/Village Staff to Address the Board

None.

11. Adjourn.

Motion by Tr. Engelhardt, second by Tr. Matter to adjourn.

Vote: 7 ayes, 0 nays. Meeting was adjourned at 8:17 p.m.

Respectfully submitted,

Jilline Dobratz, *CMC/WCMC*
Village Clerk

Memo

To: Board of Public Works

From: Brian W. Kober, P. E., Director of Public Works 

Subject: Town of Jackson Water Expansion Area – Water Service Request
Jim Feilbach – Sherman Road

Date: August 27, 2021

CC: Village Board

The Jackson Water Utility has received an application for a new water service request located in the Town of Jackson Water Expansion Area. The water service request is for a proposed new single-family residence located on Maple Road with no construction start date. The purchase of the land is subject to receiving a water connection.

After reviewing the design and the water demand of the request, the calculation of pressure available for uniform loss is 36 psi which meets the standard set by the PSC (Public Service Commission) and the DNR (Department of Natural Resources). Although, a house plan does not exist, and the water calculation was created by assumptions. A new water loss calculation worksheet will have to be resubmitted once final plans exist.

The Jackson Water Utility has completed a capacity study of the “Expanded Water System”. The study identified a maximum number of available connections for the system. We have ten connections left to offer for the area, until the system would have to be upgraded to allow more connections.

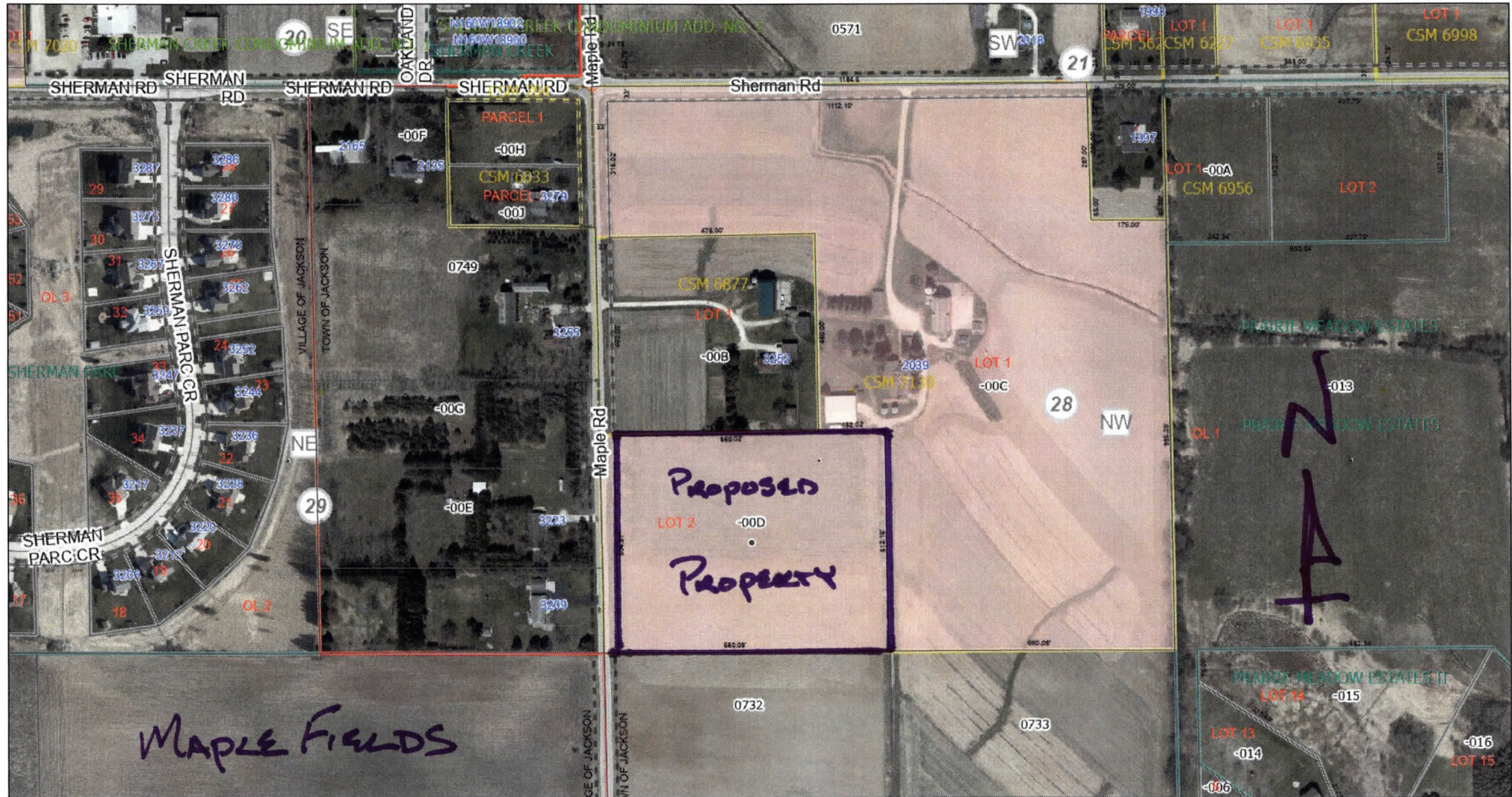
The past practice is to grant approval through a resolution process for one year period. If the connection is not made, the property owner would have to re-apply for a new water connection.

Another thought is the property could request annexation and be connected to the Jackson Sewer and Water Systems. The sanitary sewer cost would be a joint effort with the adjacent properties and the Jackson Sewer Utility.

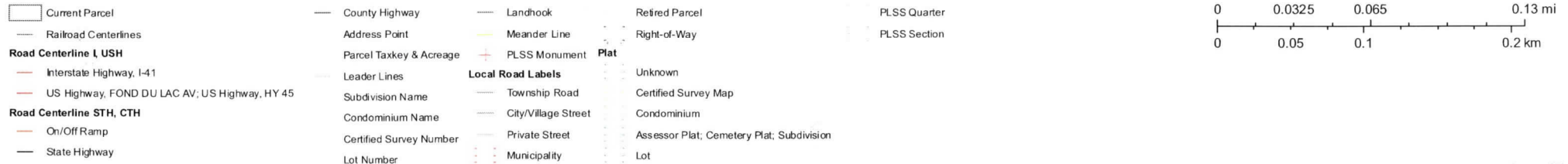
If you have any questions, please let me know.

Brian W. Kober, P.E.

Washington County, Wisconsin



8/27/2021, 2:55:32 PM



Jackson Water Utility
Application for Connection to Water System

Name of Property Owner: Jim + Nicole Feilbach
Phone Number: Jim cell 414-640-9703
Email: jimf@technicalinc.com

Description of Property: Farmland
Address of Property: N/A
Tax Key Number: PT7 - 0730000

Size of Property: 2.6 Acres
Description of Use on Property: Residential

Water Usage (gallons per day): _____
Size of Water Service (Diameter in inches; Length in feet): 1.5" - 550 ft
Size of Valves on Lateral (inches): 1.5
Type of material of Lateral: HDPE

Submit Location Map (showing lateral, water main, road right of way, valve, and connection to use):

Describe method for installation of lateral: Horizontal Boring

Time/Schedule of Installation: October 2021

Name of Contractor for installation: Victory Homes Phone #: 262-303-6595

- Note: 1) A Village plumbing permit is required for the installation. Please contact the Village of Jackson Building Inspection Department at 262-677-9696.
2) Payment of all impact, connection, permit, and meter fees prior to installation.
3) An inspection is required, please call 262-677-9696 to schedule an appointment.

Signature of Applicant: Jim Feilbach

Date: 8-17-21

Jackson Water Utility Approval: _____

Date: _____

Water Calc. Worksheet

Feilbach Taxkey PT7-073000D

Name of Project

INFORMATION REQUIRED TO SIZE WATER SERVICE AND WATER DISTRIBUTION:

1-	Demand of building in water supply fixture units (WSFU);	(WSFU)	<u>18.50</u>
1.a.	Demand of building in WSFU converted to Gallons Per Minute: (Table SPS 382.40-3)	(GPM)	<u>13.35</u>
2-	Elevation difference from main or external pressure tank to building control valve; (feet)		<u>3</u>
3-	Size of water meter (when required) 5/8" <u> </u> 3/4" <u> </u> 1" <u> </u> other <u>X</u>		<u>1.5</u>
4-	Developed length from main or external pressure tank to building control valve;	(feet)	<u>550</u>
5-	Low pressure at main in street or external pressure tank.	(psi)	<u>66.40</u>

CALCULATE WATER SERVICE PRESSURE LOSS

(unnecessary for internal pressure tanks)

- 6- Low pressure at main in street or external pressure tank. (value of # 5 above) 66.40
- 7- Determine pressure loss due to friction in 1.5 inch diameter water service.
Water service piping material is HDPE
Pressure loss per 100 ft. = 0.94 X 5.50 (decimal equivalent of 5.17
service length, i.e. 65 ft = 0.65) **Subtract value of "7"** 5.17
Subtotal 56.23
- 8- Determine pressure loss or gain due to elevation,
(multiply the value of # 2 above by .434) **Subtract value of "8"** 1.30
- 9- Available pressure after the bldg. control valve. Subtotal 54.93

CALCULATE THE PRESSURE AVAILABLE FOR UNIFORM LOSS (VALUE OF "A")

- B. Available pressure after the bldg. control valve. (from "9" above) Value of "B" 54.93
- C. Pressure loss of water meter (when meter is required) **Subtract value of "C"** 1.05
Subtotal 53.88
- D. Pressure at controlling fixture*.
(Controlling fixture is: Bath tub valve). **Subtract value of "D"** 20
(*Controlling fixture is the fixture with the most demanding pressure to operate properly which includes the following when determining fixture performance; loss due to instantaneous water heaters, water treatment devices, and backflow preventers which serve the controlling fixture.) Subtotal 33.88
- E. Difference in elevation between building control valve
and the controlling fixture in feet: 15 X .434 psi/ft. **Subtract value of "E"** 6.51
Subtotal 27.37

Water Calc Worksheet

Feilbach Tax Key PTT-073000D
Name of Project

- F. Pressure loss due to water treatment devices and backflow preventers which serve the controlling fixture. (Water softeners, filters, etc.)

(Pressure loss due to; N/A).

F1. WSFU Downstream of Water Treatment Device; _____

F2. Convert wsfu to GPM using Table 382.40-3: _____

or

F3. Convert wsfu to GPM using Table 382.40-3e* _____

(For individual dwellings only)

F4. Refer to manuf. graph to obtain pressure loss: _____

(If no water treatment device enter "0")

Subtract value of F4 0

Subtotal

27.37

- G. Pressure loss through tankless water heaters, combination boiler / hot water heaters, heat exchangers which serve the controlling fixture;

Hot water WSFU's; _____ convert to; GPM = _____ (Table 382.40-3)

Refer to manufacturer's pressure loss graph to determine loss at the required GPM;

_____ pressure loss.

Subtract value of "G" 0

Subtotal

27.37

- H. Developed length from building control valve to controlling fixture in feet 50 X 1.5

Divide by value "H" 75

Subtotal

0.36

Multiply by:

100

- A. Pressure available for uniform loss

"A" = 36

Water distribution piping is: HDPPE

*Note: The "A" value obtained by using Table 382.40-3e can only be used for an individual dwelling when sizing the water treatment device (water softeners, etc) and no hose bibbs, hydrants, or high flow fixtures are being served by the water treatment device.

Note: High flow fixtures are defined as fixtures that exceed a flow rate of 4 gpm @ 80 psi, and water velocity not exceeding 8 ft. per second.



July 27, 2021

Village of Jackson
N168 W20733 Main Street
Jackson, WI 53037

Attention: Brian Kober, P.E.
Director of Public Works

Subject: Project I.D. 190605
Village of Jackson 2019 Improvements
Sherman Road Drainage & Jackson Park West Parking Lot and Cul-de-Sac
Pay Request #4

Dear Mr. Kober:

Enclosed you will find pay request #4 for the Village of Jackson 2019 Improvements project in the Village of Jackson. The total amount, due to the contractor, reflects the release of retainage for the Sherman Road Drainage portion and the withholding of the retainage for the Jackson Park West Parking Lot and Jackson Park Cul-de-Sac portions, as directed.

Sherman Road Drainage

Total Work Completed to date	= \$71,166.09
Retainage, (5%)	= \$ 3,558.30
Amount due to Contractor, Pay Request #4	= \$ 3,558.30

Jackson Park West Parking Lot

Total Work Completed to date	= \$77,055.79
Retainage, (5%)	= \$ 3,852.79
Amount due to Contractor, Pay Request #4	= \$ 0.00

Jackson Park Cul-de-Sac

Total Work Completed to date	= \$160,469.73
Retainage, (5%)	= \$ 8,023.49
Amount due to Contractor, Pay Request #4	= \$ 0.00

If you have any questions or comments, please contact me at (920) 924-5720 or cell (920) 539-6259.

Sincerely,

Matt Krofta

Matt Krofta
Engineering Technician
Gremmer & Associates, Inc.

Gremmer and Associates, Inc.

93 S. Pioneer Road, Suite 300
Fond du Lac, WI 54935
(920) 924-5720
fax (920)924-5725

Payne & Dolan, Inc.- Prime Contractor Village of Jackson - Sherman Road Drainage

Village of Jackson - Sherman Road Drainage						Previous Estimates		Estimate #4		Cumulative Totals		% Complete	
Item No.	Description	Units	Estimated Quantity	Unit Price	Bid Total	Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total		
100-02	Removing Curb & Gutter	LF	60	\$ 6.06	\$363.60	73.00	\$442.38		\$0.00	73.00	\$442.38	121.7%	
100-03	Removing Concrete Sidewalk	SY	15	\$ 10.10	\$151.50	23.00	\$232.30		\$0.00	23.00	\$232.30	153.3%	
100-04	Excavation Common	CY	80	\$ 60.00	\$4,800.00	80.00	\$4,800.00		\$0.00	80.00	\$4,800.00	100.0%	
100-05	Base Aggregate Dense 3/4-Inch	TON	5	\$ 19.83	\$99.15	0.00	\$0.00		\$0.00	0.00	\$0.00	0.0%	
100-06	Base Aggregate Dense 1 1/4-Inch	TON	70	\$ 19.83	\$1,388.10	70.00	\$1,388.10		\$0.00	70.00	\$1,388.10	100.0%	
100-10	Asphaltic Surface	TON	130	\$ 112.61	\$14,639.30	141.90	\$15,979.36		\$0.00	141.90	\$15,979.36	109.2%	
100-12	Concrete Curb & Gutter 24-Inch Type D	LF	60	\$ 65.00	\$3,900.00	74.00	\$4,810.00		\$0.00	74.00	\$4,810.00	123.3%	
100-13	Concrete Sidewalk 4-Inch	SF	100	\$ 21.25	\$2,125.00	270.00	\$5,737.50		\$0.00	270.00	\$5,737.50	270.0%	
100-14	Concrete Sidewalk 6-Inch	SF	45	\$ 21.25	\$956.25	46.00	\$977.50		\$0.00	46.00	\$977.50	102.2%	
100-15	Lawn Restoration	SY	485	\$ 8.32	\$4,035.20	672.00	\$5,591.04		\$0.00	672.00	\$5,591.04	138.6%	
100-15a	Straw EMAT	SY	400	\$ 0.65	\$260.00	263.00	\$170.95		\$0.00	263.00	\$170.95	65.8%	
100-17	Inlet Protection Type A	EACH	1	\$ 176.77	\$176.77	0.00	\$0.00		\$0.00	0.00	\$0.00	0.0%	
100-18	Inlet Protection Type C	EACH	2	\$ 75.76	\$151.52	1.00	\$75.76		\$0.00	1.00	\$75.76	50.0%	
100-19	Temporary Ditch Checks	LF	12	\$ 25.25	\$303.00	20.00	\$505.00		\$0.00	20.00	\$505.00	166.7%	
100-20	Traffic Control	LS	1	\$ 4,000.00	\$4,000.00	1.00	\$4,000.00		\$0.00	1.00	\$4,000.00	100.0%	
100-23	Sawing Asphalt & Concrete	LF	300	\$ 2.00	\$600.00	309.00	\$618.00		\$0.00	309.00	\$618.00	103.0%	
200-01	Connect to Existing Storm Sewer Structure	EACH	1	\$ 1,010.10	\$1,010.10	1.00	\$1,010.10		\$0.00	1.00	\$1,010.10	100.0%	
200-02	Adjust Inlet Casting	EACH	1	\$ 303.03	\$303.03	1.00	\$303.03		\$0.00	1.00	\$303.03	100.0%	
200-03	Storm Manhole 4-FT Diameter w/ Casting	EACH	2	\$ 3,139.40	\$6,278.80	2.00	\$6,278.80		\$0.00	2.00	\$6,278.80	100.0%	
200-04	Storm Inlet Median 1 Grate w/ Casting	EACH	1	\$ 2,792.63	\$2,792.63	1.00	\$2,792.63		\$0.00	1.00	\$2,792.63	100.0%	
200-05	Storm Sewer Pipe Class III-B 12-Inch	LF	223	\$ 70.18	\$15,650.14	220.20	\$15,453.64		\$0.00	220.20	\$15,453.64	98.7%	
					SUBTOTAL	\$63,984.09		\$71,166.09		\$0.00		\$71,166.09	111%



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Work completed, previous estimates	\$71,166.09
Work completed, this estimate	\$0.00
Total work completed	\$71,166.09
Retainage, this estimate	\$0.00
Total Retainage, previous estimates	\$3,558.30
Total Retainage, final	\$0.00
Amount due to contractor, this estimate	\$3,558.30

Gremmer and Associates, Inc.

93 S. Pioneer Road, Suite 300
Fond du Lac, WI 54935
(920) 924-5720
fax (920)924-5725

Payne & Dolan, Inc.- Prime Contractor

Village of Jackson - Jackson Park West Parking Lot

Village of Jackson - Jackson Park West Parking Lot						Previous Estimates		Estimate #4		Cumulative Totals		% Complete
Item No.	Description	Units	Estimated Quantity	Unit Price	Bid Total	Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total	
100-04	Excavation Common	CY	150	\$ 30.00	\$4,500.00	150.00	\$4,500.00		\$0.00	150.00	\$4,500.00	100.0%
100-07	Pulverize and Relay	SY	2020	\$ 9.53	\$19,250.60	2265.00	\$21,585.45		\$0.00	2,265.00	\$21,585.45	112.1%
100-07a	Install Pulverized Base	TON	290	\$ 10.00	\$2,900.00	290.00	\$2,900.00		\$0.00	290.00	\$2,900.00	100.0%
100-10	Asphaltic Surface	TON	445	\$ 87.06	\$38,741.70	466.50	\$40,613.49		\$0.00	466.50	\$40,613.49	104.8%
100-21	Pavement Marking 4-Inch	LF	1295	\$ 5.05	\$6,539.75	1297.00	\$6,549.85		\$0.00	1,297.00	\$6,549.85	100.2%
100-22	Pavement Marking Handicap Symbol	EACH	1	\$ 295.00	\$295.00	1.00	\$295.00		\$0.00	1.00	\$295.00	100.0%
100-23	Sawing Asphalt & Concrete	LF	265	\$ 2.00	\$530.00	306.00	\$612.00		\$0.00	306.00	\$612.00	115.5%
					SUBTOTAL	\$72,757.05		\$77,055.79		\$0.00	\$77,055.79	106%



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Work completed, previous estimates	\$77,055.79
Work completed, this estimate	\$0.00
Total work completed	\$77,055.79
Retainage, this estimate	\$0.00
Total Retainage, previous estimates	\$3,852.79
Total Retainage, final	\$3,852.79
Amount due to contractor, this estimate	\$0.00

Gremmer and Associates, Inc.

93 S. Pioneer Road, Suite 300
Fond du Lac, WI 54935
(920) 924-5720
fax (920)924-5725

Payne & Dolan, Inc.- Prime Contractor Village of Jackson - Jackson Park Cul-De-Sac

Item No.	Description	Units	Estimated Quantity	Unit Price	Bid Total	Previous Estimates		Estimate #4		Cumulative Totals		% Complete
						Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total	
100-01	Clearing and Grubbing	LS	1	\$ 3,030.30	\$3,030.30	1.00	\$3,030.30		\$0.00	1.00	\$3,030.30	100.0%
100-02	Removing Curb & Gutter	LF	85	\$ 6.06	\$515.10	88.00	\$533.28		\$0.00	88.00	\$533.28	103.5%
100-04	Excavation Common	CY	1095	\$ 24.94	\$27,309.30	1389.00	\$34,641.66		\$0.00	1,389.00	\$34,641.66	126.8%
100-05	Base Aggregate Dense 3/4-Inch	TON	45	\$ 18.31	\$823.95	0.00	\$0.00		\$0.00	0.00	\$0.00	0.0%
100-06	Base Aggregate Dense 1 1/4-Inch	TON	985	\$ 15.28	\$15,050.80	1451.00	\$22,171.28		\$0.00	1,451.00	\$22,171.28	147.3%
100-07	Breaker Run 3-Inch	TON	706	\$ 22.00	\$15,532.00	706.00	\$15,532.00		\$0.00	706.00	\$15,532.00	100.0%
100-08	Concrete Driveway 6-Inch	SY	115	\$ 58.50	\$6,727.50	79.00	\$4,621.50		\$0.00	79.00	\$4,621.50	68.7%
100-09	Concrete Surface Drain	CY	1	\$ 300.00	\$300.00	1.00	\$300.00		\$0.00	1.00	\$300.00	100.0%
100-10	Asphaltic Surface	TON	435	\$ 89.00	\$38,715.00	458.50	\$40,806.50		\$0.00	458.50	\$40,806.50	105.4%
100-11	Concrete Curb & Gutter 18-Inch Type D	LF	700	\$ 26.20	\$18,340.00	731.00	\$19,152.20		\$0.00	731.00	\$19,152.20	104.4%
100-15	Lawn Restoration	SY	1160	\$ 8.32	\$9,651.20	1592.00	\$13,245.44		\$0.00	1,592.00	\$13,245.44	137.2%
100-15a	Straw EMAT	SY	600	\$ 0.65	\$390.00	532.00	\$345.80		\$0.00	532.00	\$345.80	88.7%
100-16	Silt Fence	LF	385	\$ 3.03	\$1,166.55	387.00	\$1,172.61		\$0.00	387.00	\$1,172.61	100.5%
100-19	Temporary Ditch Checks	LF	25	\$ 25.25	\$631.25	21.00	\$530.25		\$0.00	21.00	\$530.25	84.0%
100-20	Traffic Control	LS	1	\$ 3,999.91	\$3,999.91	1.00	\$3,999.91		\$0.00	1.00	\$3,999.91	100.0%
100-23	Sawing Asphalt & Concrete	LF	45	\$ 9.00	\$405.00	43.00	\$387.00		\$0.00	43.00	\$387.00	95.6%
					SUBTOTAL	\$142,587.86	\$160,469.73		\$0.00		\$160,469.73	113%



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Work completed, previous estimates	\$160,469.73
Work completed, this estimate	\$0.00
Total work completed	\$160,469.73
Retainage, this estimate	\$0.00
Total Retainage, previous estimates	\$8,023.49
Total Retainage, final	\$8,023.49
Amount due to contractor, this estimate	\$0.00

Brian Kober

From: Matthew Krofta <M.Krofta@gremmerassociates.com>
Sent: Wednesday, August 18, 2021 10:59 AM
To: Parker Sovey
Cc: Brian Kober
Subject: RE: Village of Jackson 2019 Improvements - Pay Estimate #4

Follow Up Flag: Follow up
Flag Status: Flagged

Parker,

The punchlist work is not complete. There was an email regarding punchlist items from my end on 5/29/20, an email sent on 6/2/20 from the village adding an item, then an email requesting an update on the timeframe of completion sent 6/18/20. At this point, we received no update, so the Village removed erosion control items in order to perform their maintenance work. As far as drainage concerns, retainage is being withheld to cover the cost in maintenance and/or corrective action to remedy poor drainage in the parking lot. After discussion with the Village, the release of retainage for the Sherman Rd. project and the withholding of retainage on the other two projects is how I was directed to proceed.

Thanks,
Matt

From: Parker Sovey <PSovey@walbecgroup.com>
Sent: Thursday, August 12, 2021 7:16 AM
To: Matthew Krofta <M.Krofta@gremmerassociates.com>; Brian Kober <brian.kober@villageofjackson.com>
Subject: RE: Village of Jackson 2019 Improvements - Pay Estimate #4

Matt, I just went back and reviewed the punchlist. The most recent I found was sent via email on 5/29 and included a cracked curb (R&R 10' requested) and the removal of a few erosion control items. How can you justify withholding nearly 4% of the project total for these items. Seems to me like it is \$2,500 worth of work. All other items, with the exception of the concrete, were attempted to be addressed in November / December of 2019, but weather did not allow, and then again in May of 2020.

As far as any drainage issues on the Cul-de-Sac, we were not able to begin this project until late September based on bid timing, award, contract execution, and Village removal of the barn. This would have us fighting weather conditions even if the grading and concrete work went perfectly per plan, which it did not with water issues and undercuts. Surface was placed in November, under poor conditions, and some consideration should be given for those circumstances.



Parker Sovey
Project Manager
262.524.1879 office
262.366.5587 mobile
walbecgroup.com
An Equal Opportunity Employer

From: Matthew Krofta <M.Krofta@gremmerassociates.com>
Sent: Tuesday, July 27, 2021 12:01 PM
To: Brian Kober <brian.kober@villageofjackson.com>

Cc: Parker Sovey <PSovey@walbecgroup.com>

Subject: Village of Jackson 2019 Improvements - Pay Estimate #4

Warning: External Email

Brian,

Please see attached for Pay Estimate #4 for the Jackson Park Cul-de-Sac, Jackson Park Parking Lot, and Sherman Road Drainage projects. As discussed, the estimate releases \$3,558.30 for the Sherman Road Drainage project while retaining 5% of the Jackson Park Cul-de-Sac and Jackson Park Parking Lot due to poor drainage and failure to complete punch list work.

Please let me know if you need anything else.

Thanks,

Matt

Matt Krofta

Gremmer & Associates, Inc.

93 South Pioneer Road, Suite 300

Fond du Lac, WI 54935

(920) 924-5720

(920) 924-5725 (Fax)

(920) 539-6259 (Cell)

m.krofta@gremmerassociates.com

Warning: External Email - Remember V.E.S.S.A.L - Verify Email Sender, Subject, Attachments, and Links. If there is still concern please contact the Service desk.

Contractor's Application for Payment No. 1

Application Date: 8/27/2021		Application Period: Through 8/27/2021	
To (Owner): Village of Jackson	From (Contractor): Seper Sewer & Water LLC	Via (Engineer): Cedar Corporation	
Contact: Brian Kober	Contact: Doug Hansen	Contact: Doug Kroes	
Project: Willow Ridge Drive Reconstruction	Address: 139 E. Packer Avenue Oshkosh, WI 54901	Address: Cedar Corporation W51 N497 Washington Avenue Cedarburg, WI 53012	
Owner's Contract No.: A-21	Contractor's Project No.: SSW/21-049	Engineer's Project No.: 05789-0013	

Change Order Summary

Approved Change Orders			
Number	Additions	Deductions (Enter as Positive Number)	
			1. ORIGINAL CONTRACT PRICE \$ 788,832.75
			2. Net change by Change Orders \$ -
			3. CURRENT CONTRACT PRICE (Line 1 + Line 2) \$ 788,832.75
			4. TOTAL COMPLETED TO DATE
			(Column L Total on Progress Estimates) \$ 93,780.00
			5. RETAINAGE:
			a. 5% X \$93,780.00 Work Completed \$ 4,689.00
			6. RETAINAGE REDUCTION TO DATE (Enter as Positive Number) .. \$
			7. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5a. + Line 6) \$ 89,091.00
			8. LESS PREVIOUS PAYMENTS (Line 7 from Prior Application) \$ -
			9. AMOUNT DUE THIS APPLICATION \$ 89,091.00
TOTALS			
NET CHANGE BY CHANGE ORDERS			

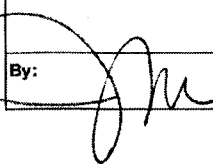
Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge:

(1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment;

(2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner per Article 15 of the General Conditions; and

(3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: 

Date: 8/27/2021

Payment of: \$ 89,091.00
(Line 9 or other - attach explanation of the other amount)

Recommended by: _____
(Engineer) (Date)

Payment of: \$ _____
(Line 9 or other - attach explanation of the other amount)

Approved by: _____
(Owner) (Date)

Progress Estimate - Unit Price Work

Contractor's Application for Payment No.

1

For (Project): Willow Ridge Drive Reconstruction						Application Date: 8/27/2021					
Application Period: Through 8/26/2020						Owner's Contract No.: A-21 Engineer's Project No.: 05789-0013					
A	B	C	D	E	F	G	H	I	J	K	L
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value (\$)	Work Completed Previously Estimated Quantity Installed	Value of Work Installed (\$)	Work Completed This Period Estimated Quantity Installed	Value of Work Installed (\$)	Total Work Completed to Date Estimated Quantity Installed	Value of Work Installed (\$)
1.	COMMON EXCAVATION	L.S.	4,200.00	\$ 16.20	\$ 68,040.00		\$ -		\$ -		\$ -
2.	SAW CUTTING ASPHALT ROADWAY	L.S.	200.00	\$ 3.10	\$ 620.00		\$ -		\$ -		\$ -
3.	SAN MH CHIMNEY & CASTING REPLACEMENT	I.D.	7.00	\$ 1,440.00	\$ 10,080.00		\$ -	3.00	\$ 4,320.00	3.00	\$ 4,320.00
4.	VALVE BOX REPLACEMENT	S.F.	3.00	\$ 420.00	\$ 1,260.00		\$ -		\$ -		\$ -
5.	48" STORM SEWER MANHOLE	L.F.	4.00	\$ 2,870.00	\$ 11,480.00		\$ -		\$ -		\$ -
6.	12" DIA. STORM SEWER	L.F.	595.00	\$ 90.00	\$ 53,550.00		\$ -		\$ -		\$ -
7.	6" DIA. PVC STORM SEWER	EA.	98.00	\$ 90.00	\$ 8,820.00		\$ -		\$ -		\$ -
8.	4" DIA. STORM LATERAL	EA.	2,084.00	\$ 68.00	\$ 141,712.00		\$ -	1,085.00	\$ 72,420.00	1,085.00	\$ 72,420.00
9.	STORM MANHOLE CHIMNEY & CASTING REPLACEMENT	1,000GAL	4.00	\$ 1,600.00	\$ 6,400.00		\$ -	1.00	\$ 1,600.00	1.00	\$ 1,600.00
10.	CATCH BASIN REPLACEMENT	100 LBS	6.00	\$ 3,000.00	\$ 18,000.00		\$ -		\$ -		\$ -
11.	CURB BOX REPLACEMENT	L.F.	5.00	\$ 650.00	\$ 3,250.00		\$ -	1.00	\$ 650.00	1.00	\$ 650.00
12.	CURB STOP REPLACEMENT	S.Y.	3.00	\$ 1,200.00	\$ 3,600.00		\$ -		\$ -		\$ -
13.	SANITARY LATERAL REPLACEMENT (1 UNIT)	S.Y.	12.00	\$ 200.00	\$ 2,400.00		\$ -		\$ -		\$ -
14.	6" SAN LATERAL RECONNECTION (7 UNITS)	L.S.	71.00	\$ 200.00	\$ 14,200.00		\$ -		\$ -		\$ -
15.	REMOVE CONCRETE SIDEWALK	C.Y.	13,435.00	\$ 0.50	\$ 6,717.50		\$ -		\$ -		\$ -
16.	4" CONCRETE SIDEWALK	TON	12,968.00	\$ 4.35	\$ 56,410.80		\$ -		\$ -		\$ -
17.	REMOVE CURB & GUTTER	S.Y.	3,461.00	\$ 0.70	\$ 2,422.70		\$ -		\$ -		\$ -
18.	30" CURB & GUTTER TYPE "D"	TON	3,234.00	\$ 13.50	\$ 43,659.00		\$ -		\$ -		\$ -
19.	REMOVE CONCRETE DRIVEWAY APRON	TON	6,754.00	\$ 0.50	\$ 3,377.00		\$ -		\$ -		\$ -
20.	7" CONCRETE DRIVEWAY APRON & SIDEWALK	GAL	10,319.00	\$ 5.50	\$ 56,754.50		\$ -		\$ -		\$ -
21.	EXCAVATION BELOW SUBGRADE (EBS)	TON	420.00	\$ 17.00	\$ 7,140.00		\$ -		\$ -		\$ -
22.	EBS BACKFILL 1-1/4" DENSE	TON	840.00	\$ 15.00	\$ 12,600.00		\$ -		\$ -		\$ -
23.	1-1/4" DENSE CRUSHED AGGREGATE BASE COURSE	L.F.	3,900.00	\$ 15.00	\$ 58,500.00		\$ -		\$ -		\$ -
24.	LOWER LAYER HMA PAVEMENT 3-1/4"	L.F.	1,275.00	\$ 71.00	\$ 90,525.00		\$ -		\$ -		\$ -
25.	UPPER LAYER HMA PAVEMENT 1-3/4"	L.S.	685.00	\$ 75.65	\$ 51,820.25		\$ -		\$ -		\$ -
26.	TRAFFIC CONTROL (Includes Mobilization)	EA.	1.00	\$ 25,000.00	\$ 25,000.00		\$ -	0.25	\$ 6,250.00	0.25	\$ 6,250.00
27.	LAWN RESTORATION	S.F.	3,509.00	\$ 6.00	\$ 21,054.00		\$ -		\$ -		\$ -
28.	INLET PROTECTION	S.F.	10.00	\$ 90.00	\$ 900.00		\$ -		\$ -		\$ -
29.	ABANDON 8" SAN SEWER & WTM	S.F.	1.00	\$ 4,880.00	\$ 4,880.00		\$ -	1.00	\$ 4,880.00	1.00	\$ 4,880.00
30.	REMOVE SAN. MANHOLE	S.Y.	1.00	\$ 2,660.00	\$ 2,660.00		\$ -	1.00	\$ 2,660.00	1.00	\$ 2,660.00
31.	SALVAGE HYDRANT AND VALVE	L.F.	1.00	\$ 1,000.00	\$ 1,000.00		\$ -	1.00	\$ 1,000.00	1.00	\$ 1,000.00
TOTAL BID ITEMS 1-31						\$ 788,832.75	\$ -		\$ 93,780.00		\$ 93,780.00
ADDITIONAL ITEMS											
					\$ -		\$ -		\$ -		\$ -
					\$ -		\$ -		\$ -		\$ -
TOTAL ADDITIONAL ITEMS						\$ -	\$ -		\$ -		\$ -
TOTAL ALL ITEMS						\$ 788,832.75	\$ -		\$ 93,780.00		\$ 93,780.00

Public Works Report

August 31, 2021

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

Year 2019

January	Avg. Flow 1.270 MGD	Min. Flow 900,000 g.p.d.	Max. 2.660 MGD
February	Avg. Flow 1.229 MGD	Min. Flow 850,000 g.p.d.	Max. 1.980 MGD
March	Avg. Flow 1.379 MGD	Min. Flow 910,000 g.p.d.	Max. 2.790 MGD
April	Avg. Flow 1.483 MGD	Min. Flow 1.020 MGD	Max. 2.660 MGD
May	Avg. Flow 1.542 MGD	Min. Flow 1.320 MGD	Max. 1.960 MGD
June	Avg. Flow 2.144 MGD	Min. Flow 1.300 MGD	Max. 2.700 MGD
July	Avg. Flow 1.251 MGD	Min. Flow 970,000 g.p.d.	Max. 1.850 MGD
August	Avg. Flow 1.098 MGD	Min. Flow 830,000 g.p.d.	Max. 1.470 MGD
September	Avg. Flow 1.253 MGD	Min. Flow 800,000 g.p.d.	Max. 2.050 MGD
October	Avg. Flow 1.699 MGD	Min. Flow 1.060 MGD	Max. 4.010 MGD
November	Avg. Flow 1.499 MGD	Min. Flow 1.14 MGD	Max. 2.26 MGD
December	Avg. Flow 1.372 MGD	Min. Flow 910,000 g.p.d.	Max. 2.14 MGD

Year 2020

January	Avg. Flow 1.280 MGD	Min. Flow 1.055 MGD	Max. 1.720 MGD
February	Avg. Flow 1.221 MGD	Min. Flow 1.000 MGD	Max. 1.630 MGD
March	Avg. Flow 1.581 MGD	Min. Flow 1.010 MGD	Max. 2.290 MGD
April	Avg. Flow 1.283 MGD	Min. Flow 940,000 g.p.d.	Max. 2.210 MGD
May	Avg. Flow 1.607 MGD	Min. Flow 1.010 MGD	Max. 4.090 MGD
June	Avg. Flow 1.178 MGD	Min. Flow 980,000 g.p.d.	Max. 1.510 MGD
July	Avg. Flow 1.269 MGD	Min. Flow 800,000 g.p.d.	Max. 2.370 MGD
August	Avg. Flow 1.042 MGD	Min. Flow 760,000 g.p.d.	Max. 1.510 MGD
September	Avg. Flow 1.148 MGD	Min. Flow 810,000 g.p.d.	Max. 1.850 MGD
October	Avg. Flow 1.172 MGD	Min. Flow 870,000 g.p.d.	Max. 2.210 MGD
November	Avg. Flow 1.122 MGD	Min. Flow 860,000 g.p.d.	Max. 1.770 MGD
December	Avg. Flow 1.164 MGD	Min. Flow 940,000 g.p.d.	Max. 1.480 MGD

Year 2021

January	Avg. Flow 1.075 MGD	Min. Flow 880,000 g.p.d.	Max. 1.460 MGD
February	Avg. Flow 1.015 MGD	Min. Flow 830,000 g.p.d.	Max. 1.590 MGD
March	Avg. Flow 1.525 MGD	Min. Flow 1.160 MGD	Max. 1.970 MGD
April	Avg. Flow 1.264 MGD	Min. Flow 1.020 MGD	Max. 1.950 MGD
May	Avg. Flow 1.108 MGD	Min. Flow 880,000 g.p.d.	Max. 1.450 MGD
June	Avg. Flow 1.091 MGD	Min. Flow 810,000 g.p.d.	Max. 1.670 MGD
July	Avg. Flow 983,226 g.p.d.	Min. Flow 780,000 g.p.d.	Max. 1.410 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	2019 Total Pumpage 253,427,000 gallons
2020 Total Pumpage 259,413,000 gallons	

Year 2019

Jan.	Avg.	638,230 g.p.d.	Highest Day 791,000 gals.	Total	19,785,000 gallons
Feb.	Avg.	605,820 g.p.d.	Highest Day 758,000 gals.	Total	16,963,000 gallons
March	Avg.	616,230 g.p.d.	Highest Day 946,000 gals.	Total	19,103,000 gallons
April	Avg.	697,800 g.p.d.	Highest Day 1.112 MGD	Total	20,934,000 gallons
May	Avg.	707,810 g.p.d.	Highest Day 889,000 gals.	Total	21,942,000 gallons
June	Avg.	766,200 g.p.d.	Highest Day 969,000 gals.	Total	22,986,000 gallons
July	Avg.	843,710 g.p.d.	Highest Day 1.174 MGD	Total	26,155,000 gallons
August	Avg.	747,230 g.p.d.	Highest Day 1.061 MGD	Total	23,164,000 gallons
Sept	Avg.	689,300 g.p.d.	Highest Day 830,000 gals.	Total	20,679,790 gallons
Oct.	Avg.	696,520 g.p.d.	Highest Day 1.116 MGD	Total	21,592,000 gallons
Nov.	Avg.	643,970 g.p.d.	Highest Day 830,000 gals.	Total	19,319,000 gallons
Dec.	Avg.	671,100 g.p.d.	Highest Day 875,000 gals.	Total	20,805,000 gallons

Year 2020

Jan.	Avg.	662,650 g.p.d.	Highest Day 769,000 gals.	Total	20,542,000 gallons
Feb	Avg.	682,280 g.p.d.	Highest Day 886,000 gals.	Total	19,786,000 gallons
March	Avg.	702,030 g.p.d.	Highest Day 837,000 gals.	Total	21,763,000 gallons
April	Avg.	731,070 g.p.d.	Highest Day 1.153 MGD	Total	21,932,000 gallons
May	Avg.	691,030 g.p.d.	Highest Day 915,000 gals.	Total	21,422,000 gallons
June	Avg.	806,030 g.p.d.	Highest Day 1.057 MGD	Total	24,181,000 gallons
July	Avg.	841,970 g.p.d.	Highest Day 1.431 MGD	Total	26,101,000 gallons
August	Avg.	878,710 g.p.d.	Highest Day 1.437 MGD	Total	27,240,000 gallons
Sept	Avg.	696,370 g.p.d.	Highest Day 1.058 MGD	Total	20,891,000 gallons
October	Avg.	677,160 g.p.d.	Highest Day 963,000 gals.	Total	20,992,000 gallons
Nov	Avg.	567,100 g.p.d.	Highest Day 850,000 gals.	Total	17,013,000 gallons
Dec	Avg.	566,130 g.p.d.	Highest Day 815,000 gals.	Total	17,550,000 gallons

Year 2021

Jan.	Avg.	565,650 g.p.d.	Highest Day 789,000 gals.	Total	17,535,000 gallons
Feb	Avg.	517,650 g.p.d.	Highest Day 913,000 gals.	Total	16,047,000 gallons
March	Avg.	583,770 g.p.d.	Highest Day 1.303 MGD	Total	18,097,000 gallons
April	Avg.	642,770 g.p.d.	Highest Day 1.190 MGD	Total	19,283,000 gallons
May	Avg.	659,610 g.p.d.	Highest Day 1.103 MGD	Total	20,448,000 gallons
June	Avg.	825,730 g.p.d.	Highest Day 1.311 MGD	Total	24,772,000 gallons
July	Avg.	750,190 g.p.d.	Highest Day 1.529 MGD	Total	23,256,000 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	2018	\$245,767.74	2019	\$219,822.80	2020	\$204,656.11

2019	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,230,000			2,000	77,700	\$11,872.50
Feb	1,432,250			1,000	70,100	\$13,255.50
March	1,614,450			11,750	161,800	\$17,489.35
April	1,485,950			48,700	335,350	\$22,462.85
May	1,589,200			27,600	349,400	\$22,690.60
June	1,338,900			36,950	243,400	\$18,458.95
July	1,504,450			17,000	302,900	\$20,373.10
August	1,599,950			27,800	293,200	\$21,380.60
September	1,405,900			14,000	217,450	\$17,313.45
October	1,517,950			19,500	335,900	\$21,418.60
November	1,265,950			11,500	256,950	\$17,071.10
December	1,647,650			6,500	102,500	\$16,036.20

2020	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,426,900				71,000	\$11,872.50
February	1,310,500			2,250	88,500	\$12,786.50
March	1,471,600	900		5,000	173,650	\$16,429.05
April	1,263,950			29,000	326,170	\$19,570.85
May	1,168,670			4,450	308,250	\$17,255.86
June	1,253,900			9,900	196,550	\$15,390.45
July	1,459,700			16,450	212,650	\$17,734.10
August	1,148,750			4,250	168,530	\$13,594.50
September	1,276,950			22,700	299,450	\$18,723.35
October	1,372,200	2,200		39,750	456,000	\$24,386.35
November	1,231,850			33,650	301,700	\$18,911.55
December	1,489,450			16,950	160,200	\$16,683.35

2021	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,284,600			6,650	77,250	\$12,507.30
February	1,386,475			3,000	44,450	\$12,338.05
March	1,633,050			27,600	206,050	\$19,457.65
April	1,425,850			38,000	268,500	\$19,829.30
May	1,297,900			34,550	232,100	\$17,740.45
June	1,392,350			52,800	258,500	\$19,977.30
July	1,338,500			31,600	245,050	\$18,256.25

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

WisDOT was using the area for a job trailer location during the STH 45 resurfacing project this year. Due to limited power on the site, the contractor has moved the job trailers to the new park-n-ride lot on Apple Lane. Once the resurfacing project is completed, the Village will restart the process of purchasing the property again.

Jackson Park Alley Project

We are finalizing the numbers to close out the project. August 2021 meeting will have the final pay request.

Morning Meadows Subdivision

Roads have been paved in phase two. House construction continues in Phase 1. Phase 3 plans are being reviewed.

Trilogy Consulting - Study / Impact Fees

The existing impact fee study is over ten years old and needs to be Update per State Statue requirements. The study will be re-started in October and be completed by the end of the year.

Jackson Municipal Complex

On schedule for a September 2021 completion, and open house on October 5th. Mid-west Fiber has completed the installation of fiber to the new Complex. Testing and the internet equipment are being completed.

Willow Ridge Drive Reconstruction Project

Willow Ridge Drive Reconstruction Project has started with storm laterals being installed. The contractor has left the road in place provide a better work environment for everyone involved.

Spruce Street/Ridgeway Drive Extension Project

WisDOT has issued the permit to access STH 60 for Ridgeway Drive. We are working a streetlight layout for the two streets. Wondra needs to re-seed the grass areas of the project. Once completed we will look to close out the project.

Hunters Road Reconstruction Project and Highland Road Storm Sewer Project

Landscaping and punch list items are being addressed. Re-seeding will happen in September and the repair of two catch basins will need to be done before closing out of the project.

Coffee Connection Trail Project

WisDOT has approved the permit for the project. The contractor is planning on starting the first week in September.

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