

AGENDA

Board of Public Works Meeting
Tuesday, October 30, 2018 – 7:00 p.m.
Jackson Village Hall
N168W20733 Main Street
Jackson WI 53037

1. Call to Order and Roll Call.
2. Approval of Minutes for September 25, 2018 meeting.
3. Discussion on Collection of Unpaid Sewer and Water Bills.
4. Pay Request #4 – Ridgeway Drive Reconstruction Project.
5. Discussion on creating a yard waste and drop-off site.
6. Discussion on Future Staffing for Public Works Department.
7. Director of Public Works Report.
8. Citizens/Village Staff to address the Board.
9. 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.

DRFAT Minutes
Board of Public Works Meeting
Tuesday, September 25, 2018 –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, Chair Olson, Gloria Teifke and Scott Thielmann.

Also Present: Tr. Kurtz

Staff present: Brian Kober, and John Walther.

2. Approval of Minutes for August 28, 2018, meeting.

Motion by Scott Thielmann, second by Tr. Malcolm to approve the minutes of the August 28, 2018 Board of Public Works meeting.

Vote: 7 ayes, 0 nays. Motion carried.

3. Pay Request #3 – Ridgeway Drive Reconstruction Project.

Brian Kober reviewed pay request #3 for the Ridgeway Drive Reconstruction project. Paving has been completed with landscaping and streetlights to follow.

Motion by Chair Olson, second by Linda Granec to recommend to Budget & Finance and Village Board approval of Pay Request #3 from Vinton Construction Company for Ridgeway Drive Reconstruction Project in the amount not to exceed \$370,876.87.

Vote: 7 ayes, 0 nays. Motion carried.

4. Pay Request #1 – Final Paving Miscellaneous Streets Project.

Brian Kober reviewed the pay request #1 for the Final Paving Miscellaneous Streets Project. The project has been completed with extra curb and gutter being replaced.

Motion by Brian Heckendorf, second by Scott Thielmann to recommend to Budget & Finance and Village Board approval of Pay Request #1 from Stark Pavement Corporation for Final Paving Miscellaneous Streets Project in the amount not to exceed \$271,680.89.

Vote: 7 ayes, 0 nays. Motion carried.

5. Resolution #18-22 Final Special Assessment Highland Rd Water Main Project

Brian Kober reviewed Resolution #18-22 Final Special Assessment for the Highland Road Water Main Project. The public hearing will be held on October 9th at the Village Board meeting.

Motion by Chair Olson, second by Brian Heckendorf to recommend to Budget & Finance and Village Board approval of Resolution #18-22 Final Special Assessment Highland Road Water Main Project.

Vote: 7 ayes, 0 nays. Motion carried.

6. Resolution #18-23 Final Special Assessment Stonehedge Dr Storm Sewer Project.

Brian Kober reviewed Resolution #18-23 Final Special Assessment for the Stonehedge Drive Storm Sewer Project. The public hearing will be held on October 9th at the Village Board meeting.

Motion by Chair Olson, second by Tr. Lippold to recommend to Budget & Finance and Village Board approval of Resolution #18-23 Final Special Assessment Stonehedge Drive Storm Sewer Project.

Vote: 7 ayes, 0 nays. Motion carried.

7. Resolution #18-24 Final Special Assessment Final Paving Miscellaneous Street Project.

Brian Kober reviewed Resolution #18-24 Final Special Assessment for the Final Paving Miscellaneous Street Project. The public hearing will be held on October 9th at the Village Board meeting.

Motion by Chair Olson, second by Brian Heckendorf to recommend to Budget & Finance and Village Board approval of Resolution #18-24 Final Special Assessment Final Paving Miscellaneous Street Project.

Vote: 7 ayes, 0 nays. Motion carried.

8. Review of Quotes for new salt storage building.

Brian Kober reviewed the first quote from Jim Pfantz Construction Inc. for a total of \$62,000.00. The process has been difficult trying to find a contractor at this time of the year and how busy contractors are now. A second quote from a different contractor is scheduled to be received on October 5th.

Motion by Chair Olson, second by Tr. Lippold to move the item to Budget & Finance and Village Board with no recommendation until the other quote is received.

Vote: 7 ayes, 0 nays. Motion carried.

9. 2019 – Five (5) year Capital Improvements Program.

Brian Kober presented the 2019 Five Year Capital Improvements Program. Discussion points included the next reconstruction project for 2019.

10. 2019 – Public Works Equipment Program.

Brian Kober presented the 2019 Public Works Equipment Program. Discussion ensued of a needed for another snowplow truck to replace the 2003 plow truck. Replacement of a zero-turn lawn mower was discussed. Also, replacement of a one-ton truck.

11. 2019 Budget Presentation – Public Works, Water & Wastewater Utilities.

Brian Kober presented the 2019 Public Works, Water & Wastewater Utilities. He reported on adding an additional person for streets and parks, and a fulltime receptionist for the new building.

12. Director of Public Works report.

Brian Kober gave the report.

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

Vote: 7 ayes, 0 nays. Motion carried.

13. Citizens/Village Staff to Address the Board.

Tr. Lippold noticed some flags along STH 60 are getting worn faster than usual. Brian Kober will investigate where we purchased the flags.

Linda Granec announced that she is building a new house outside of the Village limits and will no longer be on the Board. She enjoyed being on the Board, since the Board always looked out for the best interest of the Village.

10. Adjourn.

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

Vote: 7 ayes, 0 nays. Meeting was adjourned 8:28 p.m.

Respectfully submitted,

Brian W. Kober, P.E., Director of Public Works/Village Engineer

DRAFT



engineering | architecture | environmental | surveying
landscape architecture | planning | economic development

W61 N497 Washington Avenue
Cedarburg, WI 53012
262-204-2360
800-472-7372
FAX 262-375-2688
www.cedarcorp.com

October 24, 2018

Village of Jackson
N168 W20733 Main Street
PO Box 637
Jackson, WI 53037

Attn: Mr. Brian Kober, P.E., Director of Public Works

Re: Application for Payment No. 4
Ridgeway Drive and Ridgeway Court Reconstruction
Project No. 05789-0005

Dear Mr. Kober:

Enclosed for your use in payment to Vinton Construction, Inc. in the amount of \$50,360.74 is Application for Payment No. 4.

Following your review and approval, please complete the application for payment form within the areas reserved for the Owner and process payment to the Contractor accordingly.

Should you have any questions, please feel free to contact me at our Cedarburg office.

Sincerely,

CEDAR CORPORATION

A handwritten signature in blue ink, appearing to read "Douglas T. Kroes".

Douglas T. Kroes
Senior Construction Manager

Enclosed: As Noted

Cc: Tom Amon, Project Manager - Vinton Construction, Inc.

Contractor's Application for Payment No. 4

Application Period:	thru October 10, 2018	Application Date:	10.18.18
From (Contractor):	Vinton Construction, Inc.	Via (Engineer):	Cedar Corporation
Contract:	A-18	Contractor's Project No.:	18073
Owner's Contract No.:	A-18	Engineer's Project No.:	05789-0005

**Application For Payment
Change Order Summary**

Approved Change Orders	Number	Additions	Deductions
	1	\$23,058.00	
	2	\$2,562.35	
	3	-\$914.29	
TOTALS		\$24,706.06	
NET CHANGE BY CHANGE ORDERS			\$24,706.06

1. ORIGINAL CONTRACT PRICE..... \$ 1,012,202.40
2. Net change by Change Orders..... \$ 24,706.06
3. Current Contract Price (Line 1 ± 2)..... \$ 1,036,908.46
4. TOTAL COMPLETED AND STORED TO DATE
(Column I total on Progress Estimates)..... \$ 1,039,957.11
5. RETAINAGE:
 - a. 2.5% X \$1,039,957.11 Work Completed..... \$ 25,998.93
 - b. 5% X Stored Material..... \$ 25,998.93
 - c. Total Retainage (Line 5.a + Line 5.b)..... \$ 51,997.86
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... \$ 1,013,958.18
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$ 963,597.44
8. AMOUNT DUE THIS APPLICATION..... \$ 50,360.74

Contractor's Certification

The undersigned Contractor certifies, to the best of his knowledge, the following:

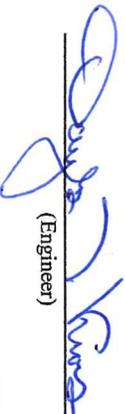
- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By: 

Date: 10.19.18

Payment of: \$ 50,360.74 (Line 8 or other - attach explanation of the other amount)

is recommended by:  (Engineer) 10/24/18 (Date)

Payment of: \$ 50,360.74 (Line 8 or other - attach explanation of the other amount)

is approved by: _____ (Owner) _____ (Date)

Approved by: _____ Funding or Financing Entity (if applicable) _____ (Date)

Unit Price Progress Estimate

Contractor's Application

Project: Ridgeway Drive and Ridgeway Court Reconstruction

Application #: 4

Application Period: thru October 10, 2018

Application Date: October 10, 2018

Bid No.	Item Description	Estimated Bid Quantity	Unit Price	B		C		D		E		F		G		H		I		J
				Previous Applications Quantity	Amount	Quantity	Amount	Quantity Completed This Application	Amount	Qty	Materials Stored Amt	Quantity	Amount	Quantity	Amount	Total Completed & Stored to Date (C+E+G)	% Comp.			
1	Common Excavation	1	L.S. \$152,000.00	1	\$152,000.00					\$0.00				\$0.00		1.00	\$152,000.00	100.0%		
2	Sawcutting Asphalt Roadway Pavement	96	L.F. \$4.00	128	\$512.00					\$0.00				\$0.00		128.00	\$512.00	133.3%		
3	6" Sanitary Sewer Lateral Relay (15 Units)	523	L.F. \$123.00	582.2	\$71,610.60					\$0.00				\$0.00		582.20	\$71,610.60	111.3%		
4	6" Sanitary Lateral Riser	32	V.F. \$448.00	35.1	\$15,724.80					\$0.00				\$0.00		35.10	\$15,724.80	109.7%		
5	6" Sanitary Sewer Lateral (3 Units)	351	L.F. \$86.40	360.5	\$31,147.20					\$0.00				\$0.00		360.50	\$31,147.20	102.7%		
6	6" Sanitary Sewer Lateral Clean-out	2	Each \$490.00	2	\$980.00					\$0.00				\$0.00		2.00	\$980.00	100.0%		
7	Abandon Manhole Structure	2	Each \$690.00	4	\$2,760.00					\$0.00				\$0.00		4.00	\$2,760.00	200.0%		
8	8" Sanitary Sewer Relay C-900	209	L.F. \$156.00	263	\$41,028.00					\$0.00				\$0.00		263.00	\$41,028.00	125.8%		
9	8" Sanitary Sewer	219	L.F. \$142.00	219	\$31,098.00					\$0.00				\$0.00		219.00	\$31,098.00	100.0%		
10	48" Dia. Sanitary Manhole (2 Units)	29	V.F. \$480.00	42.1	\$20,208.00					\$0.00				\$0.00		42.10	\$20,208.00	145.2%		
11	8" PVC Water Main	286	L.F. \$91.30	270.9	\$24,733.17					\$0.00				\$0.00		270.90	\$24,733.17	94.7%		
12	12" PVC Water Main Relay	894	L.F. \$115.70	895.4	\$103,597.78					\$0.00				\$0.00		895.40	\$103,597.78	100.2%		
13	Valve Box Abandonment	3	Each \$250.00	4	\$1,000.00					\$0.00				\$0.00		4.00	\$1,000.00	133.3%		
14	Salvage Hydrant	4	Each \$500.00	4	\$2,000.00					\$0.00				\$0.00		4.00	\$2,000.00	100.0%		
15	1 1/4" HDPE Water Service Relay (17 Units)	488	L.F. \$108.00	458	\$49,464.00					\$0.00				\$0.00		458.00	\$49,464.00	93.9%		
16	1 1/4" HDPE Water Service (3 Units)	354	L.F. \$49.60	125	\$6,200.00					\$0.00				\$0.00		125.00	\$6,200.00	35.3%		
17	Hydrant Assembly	4	Each \$6,557.00	4	\$26,228.00					\$0.00				\$0.00		4.00	\$26,228.00	100.0%		
18	12" Gate Valve	5	Each \$2,670.00	5	\$13,350.00					\$0.00				\$0.00		5.00	\$13,350.00	100.0%		
19	8" Gate Valve	2	Each \$1,591.00	2	\$3,182.00					\$0.00				\$0.00		2.00	\$3,182.00	100.0%		
20	34" x 53" HERCP Storm Sewer Relay	182	L.F. \$167.00	180.3	\$30,110.10					\$0.00				\$0.00		180.30	\$30,110.10	99.1%		
21	12" RCP Storm Sewer	293	L.F. \$52.30	290	\$15,167.00					\$0.00				\$0.00		290.00	\$15,167.00	99.0%		
22	12" RCP Storm Sewer Relay	75	L.F. \$62.00	74	\$4,588.00					\$0.00				\$0.00		74.00	\$4,588.00	98.7%		
23	48" Dia. Storm Sewer Manhole (1 Unit)	3	V.F. \$694.00	3	\$2,082.00					\$0.00				\$0.00		3.00	\$2,082.00	100.0%		
24	6" PVC Storm Sewer Lateral (15 Units)	1,008	L.F. \$46.60	990	\$46,134.00					\$0.00				\$0.00		990.00	\$46,134.00	98.2%		
25	Catch Basin	2	Each \$1,924.00	2	\$3,848.00					\$0.00				\$0.00		2.00	\$3,848.00	100.0%		
26	Remove Catch Basin	2	Each \$250.00	2	\$500.00					\$0.00				\$0.00		2.00	\$500.00	100.0%		
27	Remove Concrete Sidewalk	5,876	S.F. \$0.70	6012	\$4,208.40					\$0.00				\$0.00		6,012.00	\$4,208.40	102.3%		
28	4" Concrete Sidewalk	9,940	S.F. \$5.40	10002.86	\$54,015.44			84.87		\$458.30				\$0.00		10,087.73	\$54,473.74	101.5%		
29	Remove Curb & Gutter	2,255	L.F. \$3.00	2255	\$6,765.00					\$0.00				\$0.00		2,255.00	\$6,765.00	100.0%		
30	30" Curb and Gutter TYPE D	2,255	L.F. \$18.65	2283.2	\$42,581.68					\$0.00				\$0.00		2,283.20	\$42,581.68	101.3%		
31	Remove Asphalt Driveway Pavement	265	S.Y. \$6.30	268.36	\$1,690.67					\$0.00				\$0.00		268.36	\$1,690.67	101.3%		
32	Remove Concrete Driveway Aprons	2,356	S.F. \$0.70	2484.98	\$1,739.49					\$0.00				\$0.00		2,484.98	\$1,739.49	105.5%		

Unit Price Progress Estimate

Contractor's Application

Project: Ridgeway Drive and Ridgeway Court Reconstruction

Application #: 4

Application Period: thru October 10, 2018

Application Date: October 10, 2018

Bid No.	Item Description	Estimated Bid Quantity	Unit Price	B		C		D		E		F		G		H		I		J
				Previous Applications Quantity	Amount	Quantity	Amount	This Application Quantity	Amount	Qty	Amt	Quantity	Amt	Quantity	Amt	Quantity	Amt	Total Completed & Stored to Date (C+E+G)	% Comp.	
33	7" Concrete Driveway Apron & Sidewalk	3,822	S.F.	3967.68	\$24,599.62					\$0.00				\$0.00		3,967.68	\$24,599.62		103.8%	
34	Adjust Existing Manhole Casting	8	Each	4	\$2,000.00					\$0.00				\$0.00		4.00	\$2,000.00		50.0%	
35	Excavation Below Subgrade (EBS)	230	C.Y.	294.57	\$5,891.40					\$0.00				\$0.00		294.57	\$5,891.40		128.1%	
36	EBS Backfill 1 1/4" Dense	230	Ton	398.58	\$5,181.54					\$0.00				\$0.00		398.58	\$5,181.54		173.3%	
37	EBS Backfill 3" Dense	230	Ton	0	\$0.00					\$0.00				\$0.00		0.00	\$0.00			
38	Crushed Aggregate Base Course 1 1/4"	2,910	Ton	2910	\$37,830.00					\$0.00				\$0.00		2,910.00	\$37,830.00		100.0%	
39	Lower Layer HMA Pavement 3 LT 58-28 S	930	Ton	845.65	\$42,155.65					\$0.00				\$0.00		845.65	\$42,155.65		90.9%	
40	Upper Layer HMA Pavement 4 LT 58-28 S	500	Ton	492.18	\$28,521.83					\$0.00				\$0.00		492.18	\$28,521.83		98.4%	
41	HMA Pavement - Driveways 5 LT 58-28 S	175	S.Y.	209.4	\$4,701.03					\$0.00				\$0.00		209.40	\$4,701.03		119.7%	
42	Traffic Control	1	L.S.	1	\$3,435.00					\$0.00				\$0.00		1.00	\$3,435.00		100.0%	
43	Tree Removal (Ridgeway Ct.)	1	Each	1	\$3,500.00					\$0.00				\$0.00		1.00	\$3,500.00		100.0%	
44	Lawn Restoration	1	L.S.	0	\$0.00			1.00		\$25,100.00				\$0.00		1.00	\$25,100.00		100.0%	
45	1 1/4" HDPE Water Service Relay	1	L.S.	1	\$12,628.00					\$0.00				\$0.00		1.00	\$12,628.00		100.0%	
46	Abandon Curb Box	2	Each	2	\$500.00					\$0.00				\$0.00		2.00	\$500.00		100.0%	
47	Water Main Disconnect	1	L.S.	1	\$1,580.00					\$0.00				\$0.00		1.00	\$1,580.00		100.0%	
48	Abandon Manhole Structure	1	Each	1	\$690.00					\$0.00				\$0.00		1.00	\$690.00		100.0%	
49	48" Dia. Sanitary Manhole (1 Unit)	13	V.F.	13	\$7,722.00					\$0.00				\$0.00		13.00	\$7,722.00		100.0%	
50	Traffic Control	1	L.S.	1	\$300.00					\$0.00				\$0.00		1.00	\$300.00		100.0%	
51	Lawn Restoration	1	L.S.	0	\$0.00			1.00		\$1,000.00				\$0.00		1.00	\$1,000.00		100.0%	
CO2	2" HDPE Water Service Relay	70	LF	78	\$9,647.82					\$0.00				\$0.00		78.00	\$9,647.82		111.4%	
CO2	2" HDPE Water Service	235	LF	236	\$13,175.88					\$0.00				\$0.00		236.00	\$13,175.88		100.4%	
CO3	Inlet Structure Alterations	2	Each		\$0.00			2.00		\$650.00				\$0.00		2.00	\$650.00		100.0%	
CO3	Adjust Existing Curb Inlet Castings	6	Each		\$0.00			6.00		\$1,800.00				\$0.00		6.00	\$1,800.00		100.0%	
CO3	Credit: Sanitary Televising	1	L.S.		\$0.00			1.00		-\$1,070.00				\$0.00		1.00	-\$1,070.00		100.0%	
CO3	Credit: Reprocessed CABC	3308.6	TN		\$0.00			3,308.58		-\$1,654.29				\$0.00		3,308.58	-\$1,654.29		100.0%	
CO3	Credit: Sanitary MH Castings	2	Each		\$0.00			2.00		-\$640.00				\$0.00		2.00	-\$640.00		100.0%	
TOTAL					\$1,014,313.10					\$25,644.01							\$1,039,957.11			





Memo

Taking the lead in Washington County.

To: John M. Walther, Village Administrator
From: Brian W. Kober, P. E., Director of Public Works
Subject: Future Staffing for Public Works
Date: July 27, 2018
CC: Board of Public Works

As the Village of Jackson continues to grow with population, streets, parks, and paths, the Public Works staff has reduced in size during the expansions. Also, there is an increased anticipation from residents on dealing with all the needs of the daily operation of the Village in a timely matter.

For this memo, the definition of Public Works includes Jackson Water Utility, Jackson Sewer Utility, Streets and Parks Department. There are twelve people and one part-time person currently working in Public Works. The current staffing of each area is as follows:

Jackson Water Utility (3 fulltime, 2 part-time): Two Field Operators, Water Supervisor, Utility Superintendent (part-time), and Utility Clerk (part-time).

Jackson Sewer Utility (3 fulltime, 1 part-time): One Operator, One Lab Tech Operator; Plant Supervisor, and Utility Superintendent (part-time).

Parks and Streets (4 fulltime): Three Maintenance Workers, and Street and Park Supervisor.

We have continued to keep up the all the requested needs and daily operation with the present staff, and challenged with maintaining a full staff. The last two years the staff dealt with two shoulder surgeries; one back surgery; and two elbow surgeries. The time off for recovery has left the Public Works staff scrambling to cover all tasks.

The staff has the potential of retirement with half of the staff in the next two years. Discussion will need to take place on how the needs of the Village are handled with the appropriate staff.

If you have any questions please let me know.

Brian W. Kober, P.E.

WI94N16660
Eagle Drive
Jackson, WI 53037
Phone: 262-677-0707
Fax: 262-677-8770

Mailing Address:
P.O. Box 637

www.villageofjackson.com

Public Works Report

August 28, 2018

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

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

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

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

Final Lift for Developed Subdivisions, and other Utility Projects for Bid

The special assessment has been approved for the project.

Rosewood Drive/TIF Expansion Project

The Rosewood Lane Project has landscaping being the last items to complete for the south side of the road. 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

Landscaping and streetlight is next to complete the project. The special assessment will be at the next meeting.

Maplewood Farms

Starting the review process for the Development. No change.

Cobblestone Meadows Development

Utility installation has started with sanitary sewer and water main being completed. Laterals and services are next.

Laurel Springs Addition No. 1

The Developer is being required to submit soil borings to Canadian National for the railroad crossing of water main. The plan is now to have the utilities installed through the winter and a Spring of 2019 completion date.

Cedar Creek Road Paving Project

The road is paved along with shouldering, and line painting being completed.

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