

Public Utilities Committee

Tuesday, July 20, 2021

6:00 PM

McFarland Municipal Center
Community Room

AGENDA

You are invited to this meeting through a Zoom webinar. The Public is strongly encouraged to watch and participate in these meetings remotely through either the webinar or telephone options listed below.

PLEASE CLICK THE LINK BELOW TO JOIN THE ZOOM WEBINAR:

<https://us02web.zoom.us/j/85806142633>

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Webinar ID: 858 0614 2633

1. CALL TO ORDER, ROLL CALL.
2. PUBLIC APPEARANCES.
 - a. This is an opportunity for members of the public to address the Village Board. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the board may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the board for their consideration. Members of the public who are present in person and wish to address the board should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to aimie.irwin@mcfarland.wi.us to be included as part of the meeting.
3. APPROVAL OF MINUTES.
 - a. Discussion and action regarding the minutes from the Public Utilities meeting held on June 15, 2021.
4. BUSINESS.
 - a. Discussion regarding meter reading and future options
 - b. Discussion regarding pavement replacement timeline
 - c. Update regarding the conventional rate case.
 - d. Presentation of the Public Works monthly report
5. SCHEDULE NEXT MEETING DATE.
 - a. Discussion of Hybrid Meetings 2.0.

b. Joint meeting with Public Works on Tuesday, August 10, 2021 at 6:00 p.m.

6. ADJOURNMENT.

This meeting notice constitutes an official meeting of the above referenced group and was posted in accordance with all applicable laws related to Open Meetings Law. It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information. No action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice. Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals. For additional information or to request this service, contact the McFarland Municipal Center at (608) 838-3153 or cassandra.suettinger@mcfarland.wi.us.

VILLAGE OF MCFARLAND

Public Utilities Committee Minutes (DRAFT)

Tuesday June 15, 2021 – 6:00 P.M.

1. CALL TO ORDER, ROLL CALL

The meeting was called to order by Village Trustee and Chairperson Ed Wreh at 6:00 p.m.

Members present: Village Trustee Carrie Nelson, Chris Fredrick, Pauline Boness, Marc Nielsen, Chris Reynolds

Staff present: Jim Hessling (Public Works Director), Aimee Irwin (Assistant to the Director), Lee Igl (Streets & Utilities Superintendent), Tim Stieve (Town & Country Engineering)

2. PUBLIC APPEARANCES

None.

3. APPROVAL OF MINUTES

a. Discussion and action regarding the minutes from the May 18, 2021 Public Utilities Committee meeting.

- Two edits were recommended by committee members.
- Motion by Ed Wreh to approve the minutes with recommended edits. Seconded by Chris Fredrick. Motion passed 5-0-1 with Ed Wreh abstaining.

4. BUSINESS

a. Discussion regarding meter reading and future options.

- Aimee Irwin provided background related to the various meter reading options that have been discussed by the committee. Included within the packet are documents and data that the committee had requested at their May meeting. Steve Dauster with Midwest Meter reviewed the cost estimate to move to a fixed cellular network for meter reading. Irwin provided an estimate of \$6,476.40 for the annual cost of public works staff completing final meter reads along with cycle meter reading. Irwin also provided an email with the Public Service Commission (PSC) related to the construction authorization process that may be required to change from the current meter reading process to the future option.
- Marc Nielsen asked if final reads are required to be done in person. Irwin responded that final reads are not completed in person.
- Ed Wreh asked how many 50W endpoints do we need to visually inspect for reading right now. Irwin stated that while half of our utility customers have 50W endpoints on their meters only 15-20

50W endpoints are currently not functioning. Irwin also stated that the utility adds one to two 50W endpoint failures with each cycle reading.

- Committee members discussed the data provided including current charges for meter reading, the drivers for the possible change, and the last time a major upgrade occurred for meter reading. Committee members recommended bringing data back to the next committee meeting related to why this change is necessary including a risk versus benefit table. Members would also like a timeline of both costs and replacement plans.

b. Update on sewer cleaning and televising.

- Lee Igl provided an update regarding sewer cleaning and televising that Green Bay Pipe & TV has been completing for the Village in 2020 and 2021 which includes about 2/3 of the system. Igl presented a video example of issues found that were repaired throughout the Village.
- Jim Hessling reviewed the chart provided in the packet related to the cost payback in relation to MMSD volume charges.
- Marc Nielsen asked if any discussion has occurred in anticipation of moving up the remaining 1/3 of the contract to this year for possible cost savings. Jim Hessling responded that this has not been discussed at this time.
- Chris Fredrick asked if the sewer cleaning would have an impact on the ongoing Inflow and Infiltration study being conducted by Town & Country Engineering. Tim Stieve stated that this would not have an impact on the study.

c. Discussion and action to make a recommendation regarding the Village of McFarland Risk and Resilience Assessments and Community Water System Emergency Response Plan for EPA.

- Jim Hessling provided background regarding the need for both the Risk and Resilience Assessment and the Emergency Response Plan included within the packet. Hessling stated that these documents are to be updated every five years.
- Motion by Chris Fredrick recommending approval of the Village of McFarland Risk and Resilience Assessment and Community Water System Emergency Response Plan. Seconded by Ed Wreh. Motion passed 6-0-0.

d. Presentation of the Public Works Monthly Report from the Director.

- Jim Hessling reviewed the Public Works Department activities for the month of May.
- Carrie Nelson recommended additional advertising or promotion of the next Public Works Open House event.

- Chris Reynolds asked for additional information related to the Tuesday Public Service Commission public hearing. Jim Hessling stated that the meeting was approximately ten minutes in length with no public comments submitted.

5. SCHEDULE NEXT MEETING DATE

- a. Tuesday July 20, 2021 at 6:00 p.m.

6. ADJOURNMENT

- a. Motion to adjourn by Ed Wreh at 7:44 p.m. Seconded by Chris Reynolds. Motion passed 6-0-0.

Respectfully submitted by Aimee Irwin


VILLAGE OF
McFarland
SUMMARY SHEET

MEETING DATE: Tuesday, July 20, 2021

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Aimee Irwin, Assistant to the Public Works Director, Jim Hessling,
Public Works Director

AGENDA ITEM: Discussion regarding meter reading and future options

PREVIOUS ACTION:

None.

ISSUE SUMMARY:

At the previous Public Utilities meeting on June 15, 2021, the committee was presented with information related to a possible future meter reading option using a cellular approach. During the discussion, the committee requested additional information related to cost estimates, risk to status quo versus benefits of improvements and timeline information related to possible replacements. Included within the packet is the original cellular cost estimate and another option of mobile drive-by reading cost estimate. This will allow the committee to compare two options in terms of costs. Also included with the packet is a PowerPoint outlining various approaches and their associated costs for replacements, risk versus benefit chart, important replacement details, and additional information related to if the mobile drive-by option if this direction is chosen.

Staff would like continued input from committee members as to what process would be recommended and if any additional information would be required before making a decision on the future of meter reading.

FINANCIAL/BUDGET IMPACT:

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

None.

ATTACHMENTS:

1. Beacon Orion Cellular
2. Beacon Orion SE mobile drive by



3. Future Meter Reading options

6/11/2021

McFarland Metering System Upgrade

Itron to BEACON/ORION Cellular

<u>2021</u>		<u>Quantity</u>	<u>Price</u>	<u>Extension</u>
Q3, Q4	Continued System Maintenance and Product Replacement			
	Badger M25 meters w/HRE Registers and Integral Itron (100W) transmitters	90		Current Budget
2022				
Q1	BEACON System Implementation: Itron to BEACON (per 3/2/21 quote)			
	BEACON interface, implementation, reading equipment, training	1	\$ 12,500.00	\$ 12,500.00
	Phase 1 "50W Replacement": complete replacement of meter/encoders/transmitters			
	<i>50W Meters</i>			
	M25B meters with HR-LCD, ORION Cellular	1,665	\$ 265.00	\$ 441,225.00
	M55B meters with HR-LCD, ORION Cellular	34	\$ 370.00	\$ 12,580.00
	M120 meters with HR-LCD, ORION Cellular (1-1/2" meters)	28	\$ 745.00	\$ 20,860.00
	M170 meters with HROLCD, ORION Cellular (2" meters)	9	\$ 1,010.00	\$ 9,090.00
	E-3 meters with ORION Cellular (3" meters)	1	\$ 2,782.00	\$ 2,782.00
	Equipment Subtotal			\$ 486,537.00
	Installation: 3/4"-1" Meters	1,737	\$ 130.00	\$ 225,810.00
	Total BEACON Implementation and Phase 1 Field Hardware	1,737		\$ 499,037.00
	Total BEACON Implementation and Phase 1 Field Hardware with Installation	1,737		\$ 712,347.00
	BEACON Service Units (completed Phase 1)			
	Mobile Service Units (Itron 60W, 100W meters; 20,208 purchased annually)	20,208	\$ 0.07	\$ 1,414.56
	Mobile Read Annual License & User Login	1,200		\$ 1,200.00
	Annual ORION Cellular Service Unit Fee (increments of 24,000 purchased annually) *	20,844	\$ 0.49	\$ 10,213.56
				\$ 12,828.12
Future	Phase 2 Updating Meters with 60W & 100W (Encoder and ORION Cellular Transmitter)			
	Phase 2A - 60W Meters			
	<i>60W Meters</i>			
	M25B meters with HR-LCD, ORION Cellular	933	\$ 265.00	\$ 247,245.00
	M35B, 3/4" meters with HR-LCD, ORION Cellular	1	\$ 310.00	\$ 310.00
	M55B meters with HR-LCD, ORION Cellular	13	\$ 370.00	\$ 4,810.00
	M120 meters with HR-LCD, ORION Cellular (1-1/2" meters)	8	\$ 745.00	\$ 5,960.00
	M170 meters with HROLCD, ORION Cellular (2" meters)	3	\$ 1,010.00	\$ 3,030.00
	E-3 meters with ORION Cellular (3" meters)	8	\$ 2,782.00	\$ 22,256.00
	E-4 meters with ORION Cellular (4" meters)	2	\$ 3,380.00	\$ 6,760.00
	Installation: 3/4"-1" Meters w/60W	968	\$ 130.00	\$ 125,840.00
	Total Phase 2A Field Hardware	968		\$ 416,211.00
	Total Phase 2A Field Hardware with Installation	968		\$ 542,051.00
	BEACON Service Units (Completed Phase 2A)			
	Mobile Service Units (Itron 100W meters, purchased annually)	8,592	\$ 0.08	\$ 687.36
	Mobile Read Annual License & User Login	1,200		\$ 1,200.00
	Annual ORION Cellular Service Unit Fee (24,000 purchased annually) *	32,844	\$ 0.49	\$ 16,093.56
				\$ 17,980.92
	Phase 2B - 100W Meters			
	<i>100W Meters</i>			
	M25B meters with HR-LCD, ORION Cellular	698	\$ 265.00	\$ 184,970.00
	M25B meters with HR-LCD, ORION Cellular	2	\$ 265.00	\$ 530.00
	M55B meters with HR-LCD, ORION Cellular	5	\$ 370.00	\$ 1,850.00
	M120 meters with HR-LCD, ORION Cellular (1-1/2" meters)	3	\$ 745.00	\$ 2,235.00
	(blank) M120 meter with HR-LCD, ORION Cellular (1-1/2" meters)	1	\$ 745.00	\$ 745.00
	M170 meters with HROLCD, ORION Cellular (2" meters)	5	\$ 1,010.00	\$ 5,050.00
	E-3 meters with ORION Cellular (3" meters)	2	\$ 2,782.00	\$ 5,564.00
	Installation: 3/4"-1" Meters w/100W	716	\$ 130.00	\$ 93,080.00
	Total Phase 2B Field Hardware	716		\$ 294,024.00
	Total Phase 2B Field Hardware with Installation	716		\$ 387,104.00
	Completed Project Costs: Software Implementation and all Field Hardware			\$ 1,209,272.00
	Completed Project Costs: Field Installation			\$ 444,730.00
	Total Project, Installed			\$ 1,654,002.00
	Ongoing Annual Expenses			
	BEACON Service Units (completed Phase 2 - Project Completion)			
	Total Services	3,421		
	Annual ORION Cellular HES Service Unit Fee (41,040 purchased annually) *	41,052	\$ 0.49	\$ 20,115.48
	Annual ORION Cellular Full-Featured Service Unit Fee (41,040 purchased annually)	41,052	\$ 0.79	\$ 32,431.08

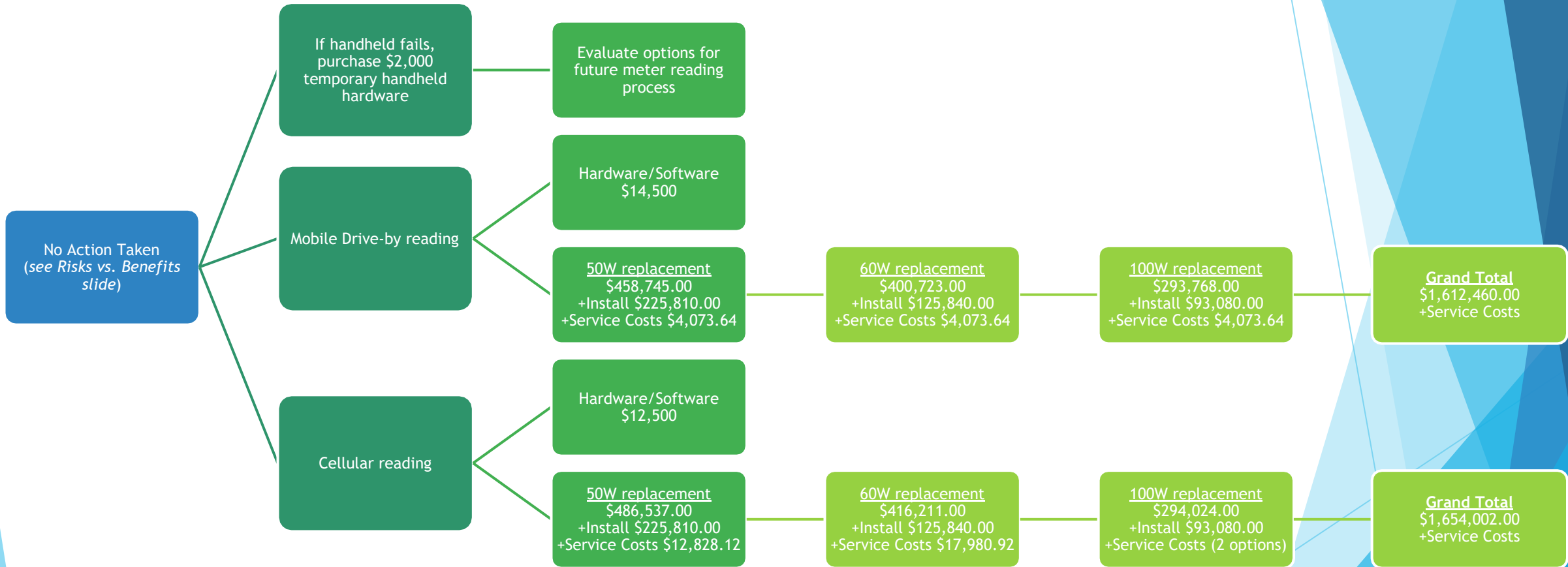
* Option Upon BMI Approval: Limited features/hourly meter reads. EyeOnWater, system pressure, system/meter temperature not available

6/11/2021

McFarland Metering System Upgrade

Itron to BEACON/ORION ME/SE

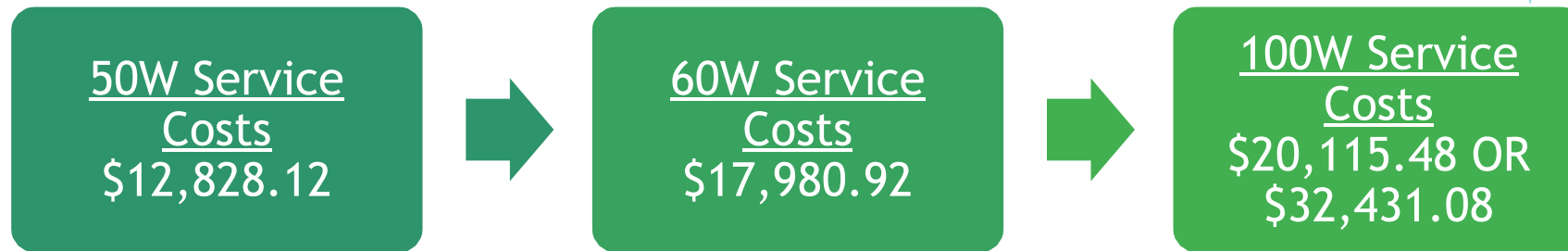
<u>2021</u>		<u>Quantity</u>	<u>Price</u>	<u>Extension</u>
Q3, Q4	Continued System Maintenance and Product Replacement			
	Badger M25 meters w/HRE Registers and Integral Itron (100W) transmitters	90		Current Budget
2022				
Q1	BEACON System Implementation: Itron to BEACON (per 3/2/21 quote)			
	BEACON interface, implementation, reading equipment, training	1	\$ 14,500.00	\$ 14,500.00
	Phase 1 "50W Replacement": complete replacement of meter/encoders/transmitters			
	<i>50W Meters</i>			
	M25B meters with HR-LCD, ORION ME/SE	1,665	\$ 249.00	\$ 414,585.00
	M55B meters with HR-LCD, ORION ME/SE	34	\$ 354.00	\$ 12,036.00
	M120 meters with HR-LCD, ORION ME/SE (1-1/2" meters)	28	\$ 729.00	\$ 20,412.00
	M170 meters with HROLCD, ORION ME/SE (2" meters)	9	\$ 994.00	\$ 8,946.00
	E-3 meters with ORION ME/SE (3" meters)	1	\$ 2,766.00	\$ 2,766.00
	Equipment Subtotal			\$ 458,745.00
	Installation: 3/4"-1" Meters	1,737	\$ 130.00	\$ 225,810.00
	Total BEACON Implementation and Phase 1 Field Hardware	1,737		\$ 473,245.00
	Total BEACON Implementation and Phase 1 Field Hardware with Installation	1,737		\$ 684,555.00
	BEACON Service Units (completed Phase 1)			
	Mobile Service Units (Itron 60W, 100W meters; 20,208 purchased annually)	20,208	\$ 0.07	\$ 1,414.56
	Mobile Read Annual License & User Login	1,200		\$ 1,200.00
	Annual ORION Mobile Service Unit Fee (increments of 24,000 purchased annually)	20,844	\$ 0.07	\$ 1,459.08
				\$ 4,073.64
Future	Phase 2 Updating Meters with 60W & 100W (Encoder and ORION Cellular Transmitter)			
	Phase 2A - 60W Meters			
	<i>60W Meters</i>			
	M25B meters with HR-LCD, ORION ME/SE	933	\$ 249.00	\$ 232,317.00
	M35B, 3/4" meters with HR-LCD, ORION ME/SE	1	\$ 294.00	\$ 294.00
	M55B meters with HR-LCD, ORION ME/SE	13	\$ 354.00	\$ 4,602.00
	M120 meters with HR-LCD, ORION ME/SE (1-1/2" meters)	8	\$ 729.00	\$ 5,832.00
	M170 meters with HROLCD, ORION ME/SE (2" meters)	3	\$ 994.00	\$ 2,982.00
	E-3 meters with ORION ME/SE (3" meters)	8	\$ 2,766.00	\$ 22,128.00
	E-4 meters with ORION ME/SE (4" meters)	2	\$ 3,364.00	\$ 6,728.00
	Installation: 3/4"-1" Meters w/60W	968	\$ 130.00	\$ 125,840.00
	Total Phase 2A Field Hardware	968		\$ 400,723.00
	Total Phase 2A Field Hardware with Installation	968		\$ 526,563.00
	BEACON Service Units (Completed Phase 2A)			
	Mobile Service Units (Itron 100W meters, purchased annually)	8,592	\$ 0.07	\$ 601.44
	Mobile Read Annual License & User Login	1,200		\$ 1,200.00
	Annual ORION Mobile Service Unit Fee (24,000 purchased annually)	32,460	\$ 0.07	\$ 2,272.20
				\$ 4,073.64
	Phase 2B - 100W Meters			
	<i>100W Meters</i>			
	M25B meters with HR-LCD, ORION ME/SE	698	\$ 265.00	\$ 184,970.00
	M25B meters with HR-LCD, ORION ME/SE	2	\$ 265.00	\$ 530.00
	M55B meters with HR-LCD, ORION ME/SE	5	\$ 354.00	\$ 1,770.00
	M120 meters with HR-LCD, ORION ME/SE (1-1/2" meters)	3	\$ 729.00	\$ 2,187.00
	(blank) M120 meter with HR-LCD, ORION ME/SE (1-1/2" meters)	1	\$ 729.00	\$ 729.00
	M170 meters with HROLCD, ORION ME/SE (2" meters)	5	\$ 994.00	\$ 4,970.00
	E-3 meters with ORION ME/SE (3" meters)	2	\$ 2,766.00	\$ 5,532.00
	Installation: 3/4"-1" Meters w/100W	716	\$ 130.00	\$ 93,080.00
	Total Phase 2B Field Hardware	716		\$ 293,768.00
	Total Phase 2B Field Hardware with Installation	716		\$ 386,848.00
	Completed Project Costs: Software Implementation and all Field Hardware			\$ 1,167,736.00
	Completed Project Costs: Field Installation			\$ 444,730.00
	Total Project, Installed			\$ 1,612,466.00
	Ongoing Annual Expenses			
	BEACON Service Units (completed Phase 2 - Project Completion)			
	Total Services	3,421		
	Annual ORION Mobile Service Unit Fee (41,040 purchased annually)	41,052	\$ 0.07	\$ 2,873.64
	Annual ORION MobileRead License Fee	1,200		\$ 1,200.00
				\$ 4,073.64
	Annual ORION SE Traditional Network Service Unit Fee (41,040 purchased annually) *	41,052	\$ 0.25	\$ 10,263.00
	* Requires the addition of ORION SE Gateway network			
	ORION SE Network Upgrade			
	ORION SE Gateways (est. 4) @ \$9,500 each = \$38,000 (budget replacement 5 years)			\$ 38,000.00
	ORION SE Network Annual Fees			
	ORION SE Gateway Data Backhaul (est. 4) @ \$350 each = \$1,400			\$ 1,400.00
	* Optional EyeOnWater			
	EyeOnWater Consumer Engagement (year one) = \$3,000			\$ 3,000.00
	EyeOnWater Consumer Engagement (annual fee) = \$1,500			\$ 1,500.00
	Network Upgrade Summary			\$ 42,400.00



Mobile Drive-by



Cellular data collection



Risk versus Benefit

Risk to Status Quo

- ◆ Failure of 50W endpoints
- ◆ Visual reads required (customers or staff)
- ◆ Meter reading accuracy
- ◆ Possible PSC implications
- ◆ Lost revenue
- ◆ Handheld failure
- ◆ System maintenance with current process (hardware & software costs)
- ◆ Customer inconvenience

Benefits to Improvements

- ◆ Meter reading remotely
- ◆ Improvements to meter change out and testing schedules
- ◆ Improved accuracy for usage
- ◆ Possible customer access to their usage data
- ◆ Badger software & Badger hardware (1 vendor)
- ◆ Possible early leak detection
- ◆ Support by Midwest Meter

Replacement details

- ◆ PSC approval of new meter reading process: 60-120 days (once filed with PSC) for cellular/fixed network approach
- ◆ Software/Hardware setup: 60-90 days
- ◆ 50W replacements (hired contractor): approximately 3 months

Details to keep in mind...

- ◆ Moving to the new format of mobile drive-by is a *temporary fix...*
 - ◆ Industry is moving away from this option to a fixed network which is why cellular is commonly chosen (*even with increased costs*)
 - ◆ Moving to our own fixed network will require additional equipment, ongoing maintenance and replacement of that equipment
 - ◆ Annual service fee \$10,263.00
 - ◆ Network Upgrade \$38,000.00 (budget replacement in 5 years)
 - ◆ Data Backhaul \$1,400.00
 - ◆ *Optional EyeOnWater—Year 1 \$3,000 with annual fee of \$1,500
 - ◆ **Total Network Upgrade Summary \$42,400.00 + Annual Service Fee \$10,263.00**


VILLAGE OF
McFarland
SUMMARY SHEET

MEETING DATE: Tuesday, July 20, 2021

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Discussion regarding pavement replacement timeline

PREVIOUS ACTION:

None.

ISSUE SUMMARY:

Staff, Town & Country Engineering and the Public Works committee have been working to establish a pavement replacement timeline. Included within the packet is a long term CIP plan related to a pavement replacement timeline previously reviewed by the Public Works committee at their meeting on Tuesday July 13, 2021.

The Village's GIS and WISLR software were used to create the initial skeleton for the pavement replacement program, along with compiling Village repair and maintenance records to group projects using the following assumptions:

- Street costs (from General Fund monies) should be initially kept in the \$500k-\$600k range
- Projects located in TIDs were excluded
- A blunt scoring system was initiated, with intention to be modified as the Village has an opportunity to review the current listings.

This timeline will serve as a baseline and reviewed annually for updates or adjustments.

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

None.

ATTACHMENTS:

1. Long Range CIP - Updated
2. Long Range CIP- Off Street List



Village of McFarland
 Conceptual Project List in Approximate Priority Order
Long Range ROW Infrastructure Improvements Plan
 7/9/2021

Notes:

1. Pavement scores are WISLR output. The Village will almost certainly want/need to adjust this to accommodate other priorities.
2. WISLR does not do "first worst" ordering, but takes into account many other factors.
3. WISLR Model makes broad assumptions about curb repair and driveway aprons, nor does it factor in sidewalks or any underground needs.
4. Costs shown assumed entire scope described, and will need adjustment if scope is changed.
5. This list includes projects funded by TID/TIF sources.
6. This list assumes an approximate annual general fund expenditure of \$500,000.
7. PR= Pavement Rehabilitation, SSR= Storm Sewer Rehabilitation, PUR= Pavement and Utility Rehabilitation, WR= Water Main Replacement, W= New Watermain, RC= Rural Conversion
8. Project costs assume that 50% of street replacement costs for projects that include water main replacement will be funded by the Water Utility.
9. Project costs assume 25% curb replacement.
10. 0= Rating above 6, 1= Rating 5 or 6, 2= Rating of 4, 3= Rating 3 or lower
11. 1= Projects with known sewer replacement needs
12. 1= Projects with known water replacement needs, water main greater than 50 years old, or main size 6-inches or less
13. 1= Projects with known storm sewer issues and needs
14. 1= Project with bicycle and pedestrian system needs identified in the Comprehensive Plan.

Year	Street	From	To	Length	Width	Rating	Action ⁷	PROJECT COSTS						PROJECT SCORING					General Comments						
								Street	TIF/TID Street	Sewer	Water	Storm	TIF/TID	Total	Street ¹⁰	Sewer ¹¹	Water ¹²	Storm ¹³		Ped and Bike ¹⁴	Total				
2021	Renee Ct	Lewis Ln	Exchange St	1056	30	5	PR	\$204,800								1					1				
2021	Broadhead Street/CTH MN Phase 4A	Holscher Rd	N Peninsula Way	1050	37	6	RC	\$263,000			\$40,000	\$57,700				1			1	1	3	Partially paid for by Dane County. Amounts represent Village expenditures.			
2021	Norma Rd	Termini	Bremer Rd / Wisconsin Ave	898	36	4	PR	\$117,000								2					2	This represents an estimate of the cost if this work were to be added to the scope of the 2021 Street and Storm Sewer Improvements contract.			
Year Total								\$584,800	\$0	\$0	\$40,000	\$57,700	\$0	\$682,500											
2022	Overlook Dr	Burma Rd / South Ct	South Ct	1373	18	3	PUR	\$141,300			\$370,800				3		1				4				
2022	Triangle Street	Siggelkow Rd	Voges	2609	40	6	RC		\$705,200				\$1,309,500	\$2,014,700	1			1	1		3				
2022	Osborn Pond	Behind 557x Osborn Drive					SSR					\$75,000		\$75,000	0			1			1				
2022	Terminal Drive	Railroad bridge					SSR					\$35,000		\$35,000	0			1			1				
2022	Hidden Farm Rd	Elvehjem Road	Orchard Hill Park Entrance	785	18	3	PR	\$175,700						\$175,700	3						3				
2022	Marsh Rd	Red Oak Trl / Wellington Cir	Siggelkow Rd	739	44	5	PR	\$233,900						\$233,900	1				1		2				
Year Total								\$550,900	\$705,200	\$0	\$370,800	\$110,000	\$1,309,500	\$3,046,400											
2023	S Terminal Drive	Lift Station 4	USH 51	1715	32	5	RC		\$1,219,700				\$1,557,700	\$2,777,400	1			1			2				
2023	Card Ave	Larson Street	Bellevue Ct	1050	10	4	PUR	\$142,200			\$312,100			\$454,300	2		1				3				
2023	Dale Rd	Lake Edge Rd	USH 51	375	37	5	PUR	\$46,400			\$162,200			\$208,600	1		1				2				
2023	Paulson Rd	Termini	Siggelkow Road / Triangle Street	1600	24	3	PUR	\$392,000		\$119,600	\$755,800	\$122,400		\$1,389,800	3	1	1	1			6				
Year Total								\$580,600	\$1,219,700	\$119,600	\$1,230,100	\$122,400	\$1,557,700	\$4,830,100											

Year	Street	From	To	Length	Width	Rating	Action ⁷	PROJECT COSTS					PROJECT SCORING					General Comments			
								Street	TIF/TID Street	Sewer	Water	Storm	TIF/TID	Total	Street ¹⁰	Sewer ¹¹	Water ¹²		Storm ¹³	Ped and Bike ¹⁴	Total
2024	Exchange Street	Sleepy Hollow Road	Farwell St			5	PUR	\$1,100,000		\$802,000	\$702,000	\$666,000		\$3,270,000	1	1	1	1	1	5	Partially funded by STP-URBAN grant. Amounts represent Village expenditures. Not included in year total where noted.
2024	Storck Rd	Siggelkow Rd	Termini	1478	18	2	PR	\$204,900						\$204,900	3					3	
2024	N Terminal Drive	Lift Station 4	USH 51	3500	32	5	RC		\$2,552,300			\$3,333,800		\$5,886,100	1			1		2	
2024	Broadhead Street/CTH MN Phase 4B	North Peninsula Way	CTH AB	1958	36	6	RC	\$290,300		\$617,900	\$273,600		\$1,181,800	1			1	1	3	Partially paid for by Dane County. Amounts represent Village expenditures.	
Year Total (Including Exchange Street)								\$1,595,200	\$2,552,300	\$802,000	\$1,319,900	\$939,600	\$3,333,800	\$10,542,800							
Year Total (Excludes Exchange Street)								\$495,200	\$2,552,300	\$0	\$617,900	\$273,600	\$3,333,800	\$7,272,800							
2025	Larson St	Erling Ave	Termini	751	28	4	PUR	\$113,400		\$188,500			\$301,900	2		1			3		
2025	Glen Rd	Larson St	Lakeview St	850	21	5	PUR	\$73,300		\$257,700			\$331,000	1		1			2		
2025	Yahara Dr	USH 51	Rivercrest Dr	581	32	5	PR	\$80,100					\$80,100	1				1	2		
2025	Bellevue Ct	Card Ave / Termini	Bremer Rd	211	29	5	PUR	\$26,900		\$139,400			\$166,300	1		1			2		
2025	Dale St	Badger St	Termini	528	32	5	PUR	\$72,800		\$142,700			\$215,500	1		1			2		
2025	Dale St	Badger St	Lexington St	317	19	5	PUR	\$27,100		\$137,100			\$164,200	1		1			2		
2025	McFarland Ct	Terminal Dr	Termini	634	32	4	PR	\$87,500					\$87,500	2					2		
2025	Ivywood Trl	Terminal Dr	Termini	264	36	5	PR	\$41,000					\$41,000	1					1		
2025	Bird Song Ct	Morning Dove Dr	Termini	158	32	5	PR	\$21,800					\$21,800	1					1		
2025	Black Walnut Dr	Black Walnut Ct / Leanne Ln plus 316 ft	Wild Cherry Ln	106	36	5	PR	\$16,500					\$16,500	1					1		
Year Total								\$560,400	\$0	\$0	\$865,400	\$0	\$0	\$1,425,800							

Year	Street	From	To	Length	Width	Rating	Action ⁷	PROJECT COSTS						PROJECT SCORING					General Comments			
								Street	TIF/TID Street	Sewer	Water	Storm	TIF/TID	Total	Street ¹⁰	Sewer ¹¹	Water ¹²	Storm ¹³		Ped and Bike ¹⁴	Total	
2026	Lakeview Ave	Bremer Rd	Termini	686	22	3	PUR	\$79,900			\$235,300			\$315,200	3		1			4		
2026	South Ct	Burma Rd	Overlook Dr plus 600 ft	1200	18	3	PUR	\$145,400			\$330,200			\$475,600	3		1			4		
2026	Larson Beach Rd	Crossover USH 51	Bremer Rd / Lake Edge Rd	422	35	5	PR	\$65,800						\$65,800	1					1		
2026	Severson St	Farwell St	USH 51	422	36	5	PR	\$65,500						\$65,500	1					1		
2026	Dale Curtian Rd	USH 51	Termini	600	32	5	PR	\$51,000						\$51,000	1					1		
2026	Osborn Dr	Running Deer Trl	Oak Hollow Dr	158	36	5	PR	\$24,600						\$24,600	1					1		
2026	Siggelkow Rd	CTH AB / Siggelkow Rd plus 601 ft	Pierce Rd / Siggelkow Rd	676	20	5	PR	\$58,200						\$58,200	1					1		
2026	Yahara Dr	Rivercrest Dr	Indian Mound Dr	422	32	5	PR	\$58,200						\$58,200	1					1		
2026	USH 51 prep	Dale Rd Xing & along USH 51					WR				\$681,100			\$681,100	0		1			1		
2026	South Ct	Overlook Dr plus 600 ft	Yahara Drive	550			W				\$121,000			\$121,000	0		1					
Year Total								\$548,600	\$0	\$0	\$1,367,600	\$0	\$0	\$1,916,200								
2027	Wisconsin Ave	Bremer Rd / Norma Rd	Termini	318	20	3	PUR	\$46,800			\$90,300			\$137,100	3		1			4		
2027	Severson Rd	Lake Edge Rd	Farwell St	106	32	5	PUR	\$80,700			\$108,400			\$189,100	1		1			2		
2027	Field Ave	Erling Ave	Card Ave	650	42	4	PUR	\$96,100			\$158,400			\$254,500	2		1			3		
2027	Erling Ave	Bremer Rd	Terminal Dr	700	36	2	PUR	\$69,300			\$161,200			\$230,500	3		1			4		
2027	Wild Flower Ct	Country Walk / Forest Ridge Ct	Termini	264	32	5	PR	\$36,400						\$36,400	1					1		
2027	Morning Dove Dr	Hidden Farm Rd plus 422 ft	Country Walk / Spring Pond Ct	423	32	5	PR	\$58,400						\$58,400	1					1		
2027	Morning Dove Dr	Hidden Farm Rd	Bird Song Ct	320	32	5	PR	\$58,200						\$58,200	1					1		
2027	Lake Edge Dr	South Ct	loop	400	35	6	PUR	\$45,400			\$147,800			\$193,200	1		1			2		
2027	Beckler	Card Ave	Erling Ave	264	26	5	PR	\$29,600						\$29,600	1					1		
Year Total								\$520,900	\$0	\$0	\$666,100	\$0	\$0	\$1,187,000								

Year	Street	From	To	Length	Width	Rating	Action ⁷	PROJECT COSTS						PROJECT SCORING					General Comments				
								Street	TIF/TID Street	Sewer	Water	Storm	TIF/TID	Total	Street ¹⁰	Sewer ¹¹	Water ¹²	Storm ¹³		Ped and Bike ¹⁴	Total		
2028	N Bremer Road	Erling Ave	Bellevue Ct	1000	32	6	PUR	\$114,500			\$469,700			\$584,200	1		1			2			
2028	Marsh Rd	Eighmy Rd	Red Oak Trl / Wellington Cir	2000	42	5	PR	\$361,200						\$361,200	1						1		
2028	Badger St	Dale St	Farwell St	350	32	5	PR	\$58,100						\$58,100	1						1		
							Year Total	\$533,800	\$0	\$0	\$469,700	\$0	\$0	\$1,003,500									
2029	Burma Rd	Overlook Dr / South Ct	USH51	640	32	4	PR	\$88,100						\$88,100	2							2	
2029	Black Walnut Dr	Wild Cherry Ln	Smith Ridge Rd	1267	36	6	PR	\$196,200						\$196,200	1							1	
2029	Black Walnut Dr	Smith Ridge Rd	Siggelkow Rd / Carncross Dr	1900	36	6	PR	\$294,200						\$294,200	1							1	
							Year Total	\$578,500	\$0	\$0	\$0	\$0	\$0	\$578,500									
2030	Ahren Ln	Meredith Way	Exchange St	528	32	7	PR	\$72,700						\$72,700	0							0	
2030	S Bremer Road	Larson Beach Rd plus 200 ft	Bellevue Ct	1200	32	7	PUR	\$190,800			\$512,400			\$703,200	0		1					1	
2030	Brandt Rd	CTH AB	Termini	528	16	4	PR	\$36,400						\$36,400	2							2	
2030	Brendan Ct	Termini	Meredith Way	211	32	7	PR	\$29,100						\$29,100	0							0	
2030	Cardinal Dr	Curtis St	Sauk Ln	739	36	6	PR	\$114,400						\$114,400	1							1	
2030	Calico Ct	Marsh Rd / Calico Dr	Termini	580	32	5	PR	\$79,900						\$79,900	1							1	
							Year Total	\$523,300	\$0	\$0	\$512,400	\$0	\$0	\$1,881,200									
TOTAL FOR YEARS 0-9 (Excludes Exchange Street)								\$4,943,200	\$4,477,200	\$119,600	\$5,670,300	\$563,700	\$6,201,000	\$22,820,500									
TOTAL FOR YEARS 0-9 (Includes Exchange Street)								\$6,043,200	\$4,477,200	\$921,600	\$6,372,300	\$1,229,700	\$6,201,000	\$26,090,500									

Village of McFarland

Off-Street Project List in Approximate Priority Order

Long Range Capital Improvements Plan

7/14/2021

Project	Description	Street	Sewer	Water	Storm	Total	General Comments
Well 1 Rehab	Paint piping, add Taps, A/C			\$106,600		\$106,600	
Well 3 Rehab	Gen., Chem. Room, Elec, A/C, Paint			\$1,500,000		\$1,500,000	
Well 4 Rehab	Gen., Elec, A/C, Paint			\$1,500,000		\$1,500,000	
Well 5 build	Construct new well and house			\$2,200,000		\$2,200,000	
Burma Tower Paint/Rehab	Paint, climbing system, etc.			\$290,000		\$290,000	
Holscher Tower Paint/Rehab	Paint, climbing system, etc.			\$425,000		\$425,000	
LS 2 Replacement	Replace Lift Station		\$900,000			\$900,000	
LS 2 Forcemain	Construct new forcemain		\$450,000			\$450,000	


McFarland
SUMMARY SHEET

MEETING DATE: Tuesday, July 20, 2021

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Aimee Irwin, Assistant to the Public Works Director

AGENDA ITEM: Update regarding the conventional rate case.

PREVIOUS ACTION:

None.

ISSUE SUMMARY:

The Utility received notification of the approved conventional rate case from the Public Service Commission (PSC) on June 16, 2021. As required by the PSC, staff discussed the date in which the new rates would take effect and determined August 13, 2021. This is the day after the meter reading for August and allows staff time to notify the public of the upcoming rate increase.

Staff provided notification in the following formats:

***Website:** uploaded new rate chart for 2021, created a Notice of Rate Increase document and included verbiage on the website, and created a newsflash. Please note: the new rate tariff will be uploaded to the website once available from the PSC.

***Monthly Billing:** notification included on June & July's billing (both postcards and PSN)

***The Lookout newsletter**

***Thistle Newspaper publication**

Monthly billing will be prorated for the months of August and September. Final bills will be prorated proportionally on their scheduled dates.

The [Water, Sewer & Stormwater Utility webpage](#) has been updated with applicable information included how the rate increase would impact the average residential customer and related documents.

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:



None.

ATTACHMENTS:

1. Rate Chart 2021
2. Example of Rate Increase for 2021
3. Notice of Rate Increase water 2021

Utility Rates

The current Water Utility, Sewer Utility and Stormwater Utility rates are summarized below.

	Water Rates		Sewer Rates	Stormwater Utility Rates
	New Rate	Old Rate	Current Rates	Current Rates
	Aug. 13, 2021	Nov. 13, 2019	Aug. 5, 2020	
Volume Charges				
Charge per 1,000 Gallons less than 67,000 gal	\$ 2.76	\$ 1.99	\$ 4.00	Per ERU
Charge per 1,000 Gallons over 67,000 Gallons	\$ 1.92	\$ 1.35	\$ 4.00	Annual Rate
Customers outside Village limits < 67,000 gal	\$ 3.45	\$ 2.49	\$ 5.00	\$ 88.98
Customers outside Village limits > 67,000 gal	\$ 2.40	\$ 1.69	\$ 5.00	
Bi-Monthly Base Charge				
5/8 Inch Meter	\$ 16.00	\$ 14.33	\$ 33.00	Per ERU
3/4 Inch Meter	\$ 16.00	\$ 14.33	\$ 33.00	Bi-Monthly
1 Inch Meter	\$ 26.00	\$ 25.46	\$ 47.89	\$ 14.83
1.25 Inch Meter	\$ 34.00	\$ 33.95	\$ 57.78	
1.5 Inch Meter	\$ 38.00	\$ 37.13	\$ 71.78	
2 Inch Meter	\$ 64.00	\$ 62.59	\$ 101.31	
3 Inch Meter	\$ 116.00	\$ 114.58	\$ 168.21	
4 Inch Meter	\$ 166.00	\$ 165.50	\$ 264.45	
6 Inch Meter	\$ 226.00	\$ 225.97	\$ 506.45	
8 Inch Meter	\$ 322.00	\$ 308.72		
10 Inch Meter	\$ 464.00	\$ 355.40		
12 Inch Meter	\$ 608.00	\$ 424.36		
Bi-Monthly Additional Meter Charge				
5/8 Inch Meter	\$ 8.00	\$ 5.00		
3/4 Inch Meter	\$ 8.00	\$ 5.00		
1 Inch Meter	\$ 13.00	\$ 8.00		
1.25 Inch Meter	\$ 17.00	\$ 11.00		
1.5 Inch Meter	\$ 19.00	\$ 14.00		
2 Inch Meter	\$ 32.00	n/a		
Reconnection Charges				
Reinstalling a meter / turning on a valve	\$ 35.00	\$ 35.00		
Reinstalling a meter / turning on a valve <i>after hours</i>	\$ 45.00	\$ 45.00		
Private Fire (if applicable)				
2 inch or smaller connection	\$ 18.00	\$ 14.00		
3 inch connection	\$ 33.00	\$ 26.00		
4 inch connection	\$ 55.00	\$ 43.00		
6 inch connection	\$ 110.00	\$ 86.00		
8 inch connection	\$ 175.00	\$ 137.00		
10 inch connection	\$ 263.00	\$ 205.00		
12 inch connection	\$ 350.00	\$ 299.00		
14 inch connection	\$ 438.00	n/a		
16 inch connection	\$ 525.00	n/a		

	Meter Size	Usage	Current Rates						Water Rate Increase (effective 8/13/21)						Difference
			\$1.99 Water	Base Water Rate	\$4.00 Sewer	Sewer Base	Stormwater	Total	\$2.76 Rate	Base Water Rate	\$4.00 Sewer	Sewer Base	Stormwater	Total	
Avg. Residential	5/8	8000	\$ 15.92	\$ 14.33	\$ 32.00	\$ 33.00	\$ 14.83	\$ 110.08	\$ 22.08	\$ 16.00	\$ 32.00	\$ 33.00	\$ 14.83	\$ 117.91	\$ 7.83
Commercial	5/8	16000	\$ 31.84	\$ 14.33	\$ 64.00	\$ 33.00	\$ 14.83	\$ 158.00	\$ 44.16	\$ 16.00	\$ 64.00	\$ 33.00	\$ 14.83	\$ 171.99	\$ 13.99
MultiFamily	5/8	44000	\$ 87.56	\$ 14.33	\$ 176.00	\$ 33.00	\$ 14.83	\$ 325.72	\$ 121.44	\$ 16.00	\$ 176.00	\$ 33.00	\$ 14.83	\$ 361.27	\$ 35.55
Public Authority	5/8	56000	\$ 111.44	\$ 14.33	\$ 224.00	\$ 33.00	\$ 14.83	\$ 397.60	\$ 154.56	\$ 16.00	\$ 224.00	\$ 33.00	\$ 14.83	\$ 442.39	\$ 44.79
Commercial	1	16000	\$ 31.84	\$ 25.46	\$ 64.00	\$ 47.89	\$ 14.83	\$ 184.02	\$ 44.16	\$ 26.00	\$ 64.00	\$ 47.89	\$ 14.83	\$ 196.88	\$ 12.86
MultiFamily	1	44000	\$ 87.56	\$ 25.46	\$ 176.00	\$ 47.89	\$ 14.83	\$ 351.74	\$ 121.44	\$ 26.00	\$ 176.00	\$ 47.89	\$ 14.83	\$ 386.16	\$ 34.42
Public Authority	1	56000	\$ 111.44	\$ 25.46	\$ 224.00	\$ 47.89	\$ 14.83	\$ 423.62	\$ 154.56	\$ 26.00	\$ 224.00	\$ 47.89	\$ 14.83	\$ 467.28	\$ 43.66
Commercial	1 1/2	16000	\$ 31.84	\$ 37.13	\$ 64.00	\$ 71.78	\$ 14.83	\$ 219.58	\$ 44.16	\$ 38.00	\$ 64.00	\$ 71.78	\$ 14.83	\$ 232.77	\$ 13.19
MultiFamily	1 1/2	44000	\$ 87.56	\$ 37.13	\$ 176.00	\$ 71.78	\$ 14.83	\$ 387.30	\$ 121.44	\$ 38.00	\$ 176.00	\$ 71.78	\$ 14.83	\$ 422.05	\$ 34.75
Public Authority	1 1/2	56000	\$ 111.44	\$ 37.13	\$ 224.00	\$ 71.78	\$ 14.83	\$ 459.18	\$ 154.56	\$ 38.00	\$ 224.00	\$ 71.78	\$ 14.83	\$ 503.17	\$ 43.99
Commercial	2	16000	\$ 31.84	\$ 62.59	\$ 64.00	\$ 101.31	\$ 14.83	\$ 274.57	\$ 44.16	\$ 64.00	\$ 64.00	\$ 101.31	\$ 14.83	\$ 288.30	\$ 13.73
MultiFamily	2	44000	\$ 87.56	\$ 62.59	\$ 176.00	\$ 101.31	\$ 14.83	\$ 442.29	\$ 121.44	\$ 64.00	\$ 176.00	\$ 101.31	\$ 14.83	\$ 477.58	\$ 35.29
Public Authority	2	56000	\$ 111.44	\$ 62.59	\$ 224.00	\$ 101.31	\$ 14.83	\$ 514.17	\$ 154.56	\$ 64.00	\$ 224.00	\$ 101.31	\$ 14.83	\$ 558.70	\$ 44.53

Notice of Rate Increase

Water Customers of the McFarland Water and Sewer Utility

The McFarland Water and Sewer Utility will be increasing water rates effective August 13, 2021, as approved by the Public Service Commission (PSC) on June 16, 2021. The Public Utilities Committee and Village Board approved the filing of the conventional rate case with the PSC on November 17, 2020, and November 23, 2020, respectively. The PSC justified the rate increase due to a 133.01% increase in gross plant investment and 71.43% increase in operating expenses since the last conventional rate case filing in 2001. The effect of the increase for some selected customers is shown below.

Customer Classification	Meter Size	Gallons	Existing Bimonthly Rate	Revised Bimonthly Rate
Average Residential	5/8	8,000	\$30.25	\$38.08
Multifamily	2	61,000	\$183.98	\$232.36
Commercial	1	38,000	\$101.08	\$130.88
Public Authority	1 ^{1/2}	104,000	\$220.41	\$294.02
Large Residential	3/4	12,000	\$38.21	\$49.12

*Please note these calculations include water base and water usage only. Sewer usage, sewer base, stormwater, and other applicable charges are not included.

This rate increase will go into effect on **August 13, 2021**.

If you have any questions about the rate increase, call the McFarland Water and Sewer Utility at (608) 838-7287.


VILLAGE OF
McFarland
SUMMARY SHEET

MEETING DATE: Tuesday, July 20, 2021

SECTION: Staff Reports

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Presentation of the Public Works monthly report

PREVIOUS ACTION:

ISSUE SUMMARY:

FINANCIAL/BUDGET IMPACT:

VILLAGE PLAN REFERENCE:

ORDINANCE REFERENCE:

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

ATTACHMENTS:

1. June 2021 Monthly Report

PUBLIC WORKS COMMITTEE
July 13, 2021
PUBLIC UTILITIES COMMITTEE
July 20, 2021
Public Works Directors Report
for
June 2021

The following is information concerning events and activities of the Public Works Department along with the Water and Sewer Utilities for the previous month. This information is provided in brief to provide an overview of the highlights.

GIS Update

The department continues to upgrade the villages GIS opportunities when possible. Personnel have been out in the field collecting data.

Risk & Resilience Emergency Plan

The Risk & Resilience Emergency Plan has been certified (known completion) with the EPA. These documents will need to be updated every five years.

Broadhead Street Reconstruction

Pulverizing started on June 7 and the pipe crew was in on June 10, 2021. The roadway is currently being undercut and the work is progressing well.

Municipal Separate Storm Sewer System (MS4)

The WI DNR, as authorized by the EPA, performed a two-part audit of the village's MS4 system. The first part was a virtual review of our plans and methods and the second part was an actual site visit. A written report outlining this audit will be available in the future.

PSC Rate File Update

The Public Service Commission (PSC) held a Public Hearing on June 8. This was the public's opportunity, along with submitting written comments about the rate increase. There were no submittals or public comment on the increase. The entire hearing lasted about nine minutes. PSC approval to move forward on the rate increase was granted.

Well #3 Maintenance Work

Postponed until the fall of 2021 due to severe drought conditions in our area. The contractor was ok with this delay.

Watermain Break

The department handled another watermain break at the intersection of Bremer and Lake Edge Roads on June 12. A break was also repaired in the early morning hours of June 21 on South Court.

Valve Turner

As part of our equipment replacement, the department took delivery of a new valve turner this month. This new unit replaces the villages older demo unit that was purchased years back.

Antenna Upgrade Project

US Cellular is performing an antennae upgrade on the Burma Road water tower. As part of this work, a new safety railing system will be installed. Dixon Engineering is watching over this project.

Meetings/Training/Seminars

All meetings were held by electronic means this month. Those meetings include:

- Salt Savers check in w/ MMSD - Irwin
- APWA monthly board meeting - Igl & Hessling
- APWA Emergency Management Committee meeting - Hessling
- APWA Young Professionals meeting Irwin
- MMSD Owner Community meeting - Irwin, Igl, Hessling

2021 WATER SYSTEM IMPACT FEES

Collected in Month	2021 Fees	2020 Fees	2021 Impact Fee Distribution		
			Tower	Main	Well
January	-	1,950.00	-	-	-
February	5,851.00	4,550.00	3,298.86	936.16	1,615.98
March	3,900.00	4,550.00	2,198.88	624.00	1,077.12
1st Quarter Total	9,751.00	11,050.00	5,497.74	1,560.16	2,693.10
April	1,950.00	10,402.00	1,099.44	312.00	538.56
May	650.00	1,950.00	366.48	104.00	179.52
June	1,950.00	3,250.00	1,099.44	312.00	538.56
2nd Quarter Total	4,550.00	15,602.00	2,565.36	728.00	1,256.64
July	-	3,900.00	-	-	-
August	-	2,600.00	-	-	-
September	-	1,950.00	-	-	-
3rd Quarter Total	-	8,450.00	-	-	-
October	-	1,950.00	-	-	-
November	-	9,101.00	-	-	-
December	-	18,701.16	-	-	-
4th Quarter Total	-	29,752.16	-	-	-

HISTORICAL WATER IMPACT FEE TOTALS

2021 Total	14,301.00		8,063.10	2,288.16	3,949.74
2020 Total	64,854.16		38,222.36	10,020.80	16,611.00
2019 Total	57,201.00		32,250.79	9,152.16	15,798.05
2018 Total	71,501.00		40,313.34	11,440.16	19,747.50
2017 Total	60,801.20		34,281.17	9,728.00	16,792.03
2016 Total	38,026.00		23,708.24	5,252.00	9,065.76
2015 Total	5,851.00		3,298.92	936.00	1,616.08
2014 Total	7,150.00		4,031.28	1,144.00	1,974.72
2013 Total	21,125.00		11,910.59	3,380.00	5,834.41
2012 Total	13,650.00		7,696.08	2,184.00	3,769.92
2011 Total	12,350.00		6,963.12	1,976.00	3,410.88
2010 Total	5,200.00		2,931.84	832.00	1,436.16
2009 Total	7,150.00		4,031.26	1,144.00	1,974.74
2008 Total	10,400.00		5,863.62	1,664.00	2,872.38
2007 Total	34,451.00		19,423.88	5,512.16	9,514.96
2006 Total	28,927.00		16,309.33	4,628.32	7,989.35
2005 Total	52,326.00		29,501.92	8,372.16	14,451.92
2004 Total	77,679.00		43,796.20	12,428.64	21,454.16
2003 Total	59,802.00		33,716.97	9,568.32	16,516.71
2002 Total	69,625.00		39,255.27	11,140.00	19,229.73
2001 Total	55,271.50		31,162.62	8,843.44	15,265.44
2000 Total	56,701.00		31,968.59	9,072.16	15,660.25
1999 Total	55,388.00		31,228.31	8,862.08	15,297.61
1998 Total	14,581.73		8,221.33	2,333.08	4,027.32
Grand Total	\$ 815,157.43	\$ -	\$ 461,864.67	\$ 129,592.68	\$ 223,700.08

\$650=	\$366.48	\$104.00	\$179.52
\$1300	\$732.96	\$208.00	\$359.04

Tower= .56381, Main=.16, Well=.27619