

Monday, July 24, 2023**6:00 PM****McFarland Municipal Center**
*Community Room***AGENDA**

You are invited to this meeting through a Zoom webinar. The public may attend in-person or remotely through the webinar or telephone options listed below.

PLEASE CLICK THE LINK BELOW TO JOIN THE ZOOM WEBINAR:

<https://us02web.zoom.us/j/87321231583>

Or by Telephone: +1 (312) 626-6799

Webinar ID: 873 2123 1583

Press *9 to raise/lower hand. Press *6 to mute/unmute.

1. CALL TO ORDER, ROLL CALL.

2. PUBLIC APPEARANCES.

- a. This is an opportunity for members of the public to address the Public Works and Utilities Committee for items that are not on the agenda. Please remember this is a hybrid meeting conducted in person and through the Zoom online meeting platform. Meeting attendees wishing to address the Committee about items not on the agenda may do so at this time. Zoom attendees should type their name and address in the Question and Answer feature within the Zoom online meeting platform at this time. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. When you are called upon to speak, state your name, address, and provide your comments to the Committee for their consideration. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to public.works@mcfarland.wi.us to be included as part of the meeting.

Members of the public may also speak during their selected agenda item as they designate on the public comment form or in the Question and Answer feature on Zoom.

3. APPROVAL OF MINUTES.

- a. Motion to approve the minutes of the June 26, 2023 Public Works & Utilities Committee meeting.

4. BUSINESS.

- a. Discussion and action to make a recommendation to the Village Board regarding the landscape plan for the pathway between Rustic Way and Paulson Road.
- b. Presentation and discussion regarding improvement considerations for the lagoon and channel adjoining Lake Waubesa beginning at USH 51 and Severson Road.
- c. Discussion and action to make a recommendation to the Village Board regarding current and future disconnection procedures for unresponsive meter change-out customers
- d. Discussion and action to make a recommendation to the Village Board regarding the 2024-2028 Capital Improvement Plan.

5. SCHEDULE NEXT MEETING DATE.

- a. Monday, August 28, 2023 at 6:00 p.m.

6. ADJOURNMENT.

Any person who has a qualifying disability as defined by the Americans with Disabilities Act that requires the meeting or materials at the meeting to be in an accessible location or format should contact the McFarland Municipal Center at (608)838-3153, 5915 Milwaukee Street, McFarland, Wisconsin, or village.clerk@mcfarland.wi.us by 2:00 p.m. at least 5 business days prior to the meeting so that any necessary arrangements can be made to accommodate each request. If the meeting or request is less than 5 business days from the meeting, requests for accommodations may still be made and reasonable efforts will be made to accommodate each request.

VILLAGE OF MCFARLAND
Public Works & Utilities Committee Minutes

Monday, June 26, 2023 - 6:00 PM

1. CALL TO ORDER, ROLL CALL.

Trustee Wreh called the regular meeting of the Public Works & Utilities Committee to order at 6:00 PM in the Community Room of the Municipal Center.

Members present: Edward Wreh, Hilary Brandt, Pauline Boness, Marc Nielsen, Chris Fredrick, Matthew Coan

Members not present: Eric Kindschi

Staff Present: Public Works Director Lee Igl, Village Administrator Matt Schuenke, Streets and Utilities Superintendent Bob Jacobs, Assistant to the Public Works Director Aimee Irwin, and Town & Country staff, Brian Berquist.

2. PUBLIC APPEARANCES.

- a. *This is an opportunity for members of the public to address the Public Works and Utilities Committee for items that are not on the agenda. Please remember this is a hybrid meeting conducted in person and through the Zoom online meeting platform. Meeting attendees wishing to address the Committee about items not on the agenda may do so at this time. Zoom attendees should type their name and address in the Question and Answer feature within the Zoom online meeting platform at this time. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. When you are called upon to speak, state your name, address, and provide your comments to the Committee for their consideration. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to public.works@mcfarland.wi.us to be included as part of the meeting.*

Members of the public may also speak during their selected agenda item as they designate on the public comment form or in the Question and Answer feature on Zoom.

None.

3. APPROVAL OF MINUTES.

- a. *Motion to approve the minutes of the May 22, 2023 Public Works & Utilities Committee meeting.*

Motion by Trustee Wreh, seconded by Fredrick, to approve the minutes with the amendment presented by Nielsen for the May 22, 2023 Public Works & Utilities Committee meeting. Motion carries 6 - 0 - 0.

4. BUSINESS.

- a. *Discussion regarding the pathway between Rustic Way and Paulson Road*

The following public comments were provided:

- Mark Winter, 5205 Rustic Way, expressed his concerns regarding the pathway

and requested a detailed landscape plan to be created for this area. Mr. Winter recommends a landscape architect be hired to create a plan for this area. Mr. Winter recommended traffic aids to prevent vehicles from utilizing the pathway.

- Tom Moore, 5107 Rustic Way, commented that he agreed with Mr. Winter's statements and concerns. Mr. Moore expressed his concern regarding the runoff and flooding that has occurred near this area.
- Sue Johnson, 5211 Paulson Road provided her concerns regarding the temporary mailbox location, contractor vehicles parking in driveways, and debris left on driveways from contractor vehicles. Ms. Johnson asked what would be done about her damaged mailbox and when the water damage at her condo would be fixed. Ms. Johnson expressed her concerns about only portions of driveway being replaced instead of the entire driveway.
- Dan Chin, 5001 Hickory Lane expressed his concerns about the views of the commercial properties. Mr. Chin agreed with Mr. Winter's recommendations for a landscape plan.

Igl provided an overview regarding the pathway between Rustic Way and Paulson Road. Igl explained that due to the wooded conditions it was difficult to locate the utility infrastructure in the area along with the removal of invasive species that are to be removed per village ordinance. Igl added that a drainage swale was installed to assist with water flow. Igl explained that due to the late addition of the pathway there was not funding included within the project for a landscape plan. However, our staff, Sayer Larson, is working on a landscape plan that would include fall planting and funding will be requested in 2024 for finalizing the landscape plan for this area.

- Fredrick asked if it would be possible to have the village engineer complete vertical area screening and landscaping. Berquist stated this is possible.
- Boness asked if the contingency funds could be utilized for landscaping. Berquist explained that they could be utilized. Schuenke commented that while funds could be utilized, a plan would need to be created.
- Trustee Wreh recommends this item return to committee as an actionable item at a future meeting.

Berquist provided the following responses to public comments:

- The temporary mailboxes are placed as recommended by the post office.
- Any damaged mailboxes will be replaced when they are reinstalled.
- The debris on the driveways will be cleaned or fixed prior to construction completion.
- The stormwater runoff will be from the same watershed and no additional water should be added.
- The water damage to the property will be repaired by the contractor.

b. Update regarding the 2024 Exchange Street Project

Berquist provided an overview regarding the Exchange Street project. Berquist explained that the final plan set is due August 1st and the 90 percent plan set was recently submitted.

- Fredrick asked if the project was over the federal cap and if the village had requested an increase in funds. Berquist and Schuenke answered yes to both questions.
- Fredrick asked if the southern limits of the project were reduced. Berquist commented that the sidewalk was removed, which caused the change.

c. Discussion and action to make a recommendation to the Village Board regarding Pellitteri's proposal for refuse collection services.

Igl provided an overview regarding the enclosed proposal from Pellitteri with additional proposed services. Igl explained that Pellitteri's proposal includes two options, which would be a ten-year or five-year plan. The staff are recommending the ten-year contract option.

- Trustee Wreh asked for clarification regarding the two bulk item pick-ups per year. Igl explained that residents would be able to place certain bulky items at their curb for Pellitteri to collect. Trustee Wreh asked what communication plan had been developed for these events. Igl provided examples of various platforms that will be utilized to communicate these events to residents.
- Trustee Wreh asked if a collection site was discussed for drop-off. Igl responded that this was discussed. However, space is a limitation. Schuenke added that oversight of the drop-off site is of concern.
- Boness asked if the additional items were included within the fee schedule. Igl explained that the fee schedule does not include the additional proposed services as these would be open-ended costs to the Village.
- Fredrick asked how the additional items would be incorporated into the special charge on property taxes. Igl explained the additional items would need to be estimated and incorporated into the fee that is charged to customers.
- Fredrick inquired about properties such as village properties and churches being included within the contract. Igl explained that the properties previously included were reviewed. The churches and American Legion would be removed from the upcoming contract while the other properties would remain.

Todd Bollenbach of Pellitteri, explained that the twice-a-year bulk item events are optional.

- Barbara Ferro of 5307 Paulson Road asked how much the special charge would be increased for customers. Igl explained that the final amount to the customer has not been determined. However, for 2024, the cost would decrease.

Motion by Trustee Wreh, seconded by Trustee Brandt, to recommend approval to the Village Board regarding a proposal from Pellitteri for refuse collection services as presented for a ten-year term. Motion carries 6 - 0 - 0.

d. Discussion and action to make a recommendation to the Village Board regarding 2023 Crackfill and Chipseal proposal for street maintenance.

Igl provided an overview of the proposal from Fahrner Asphalt for street maintenance.

- Trustee Wreh asked how the streets were selected for street maintenance this year. Igl responded that the PASER rating, 10-year improvement plan, and overall condition review of the streets was how streets were selected.
- Fredrick commented that this practice is good for routine maintenance.
- Boness asked for clarification about the proposal amount versus the amount being requested of \$200,000. Igl explained that the additional funds would be utilized for patching.

Motion by Trustee Wreh, seconded by Trustee Brandt, to recommend approval to the Village Board regarding a proposal from Fahrner Asphalt for 2023 Chipseal and Crackfilling, with total street maintenance expenses not to exceed \$200,000. Motion carries 6 - 0 - 0.

e. Discussion and action to make a recommendation to the Village Board regarding a proposal for sidewalk maintenance.

Igl provided an overview of sidewalk maintenance related to raised sidewalk edges being cut and ground to help eliminate a trip hazard.

- Fredrick asked for an update regarding the three phases of sidewalk maintenance that was proposed previously. Igl explained that the first phase and a portion of the second phase was completed in 2022. The remaining portion of the second phase and the third phase will be completed this year.
- Trustee Wreh asked if a plan is in place for the sidewalks to the east of the new Public Safety building. Igl stated that the sidewalks would be incorporated into the replacement of the roadway in the area.

Motion by Trustee Brandt, seconded by Fredrick, to recommend approval to the Village Board regarding a proposal from Safe Step, LLC, not to exceed \$12,000. Motion carries 6 - 0 - 0.

f. Discussion regarding the draft 2024-2028 Capital Improvement Plan (CIP)

Igl provided an overview of the 2024-2028 CIP that was presented to the committee at their May meeting.

- Fredrick inquired if the pathways identified under Public Works that are within parks should be included under Parks. Igl explained that Public Works has typically maintained the pathways and maintenance of these pathways. Schuenke explained that last year was the first year that pedestrian ways were split. Schuenke commented that the item could move to parks.
- Trustee Wreh asked about the plan for replacement of the final portion of County Highway MN. Igl explained that the design of the project is planned in 2025 with construction in 2026. Trustee Wreh asked about the possibility of completing half of the roadway. Berquist responded that this would be possible

- but the county will contribute half the funds if the entire project is completed.
- Trustee Wreh asked if any project assists with improving bike traffic flow. Igl explained that the US Highway 51 project incorporates improved bike traffic flow along with a bike path along Siggelkow Road to Community Park. Berquist explained that when designing projects, the Transportation Ad Hoc committee plan is reviewed.

5. SCHEDULE NEXT MEETING DATE.

a. Monday, July 24, 2023 at 6:00 p.m.

6. ADJOURNMENT.

Motion by Fredrick, the Committee adjourned by unanimous consent at 7:34 pm.

Pursuant to law, written notice of this meeting was given to the public and posted on the public bulletin board in accordance with Open Meetings Law.

Respectfully submitted,
Aimee Irwin
Assistant to the Public Works Director

McFarland
SUMMARY SHEET

MEETING DATE: Monday, July 24, 2023

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Lee Igl, Public Works Director, Matt Schuenke, Village Administrator

AGENDA ITEM: Discussion and action to make a recommendation to the Village Board regarding the landscape plan for the pathway between Rustic Way and Paulson Road.

PREVIOUS ACTION:

The Public Works and Utilities Committee received feedback at their June 26, 2023 meeting from residents regarding development of landscaping and other improvements along the proposed pathway from Paulson Road to Rustic Way.

ISSUE SUMMARY:

With the Paulson Road reconstruction project that is being completed this year (2023), there is the addition of a paved path from Paulson Road to Rustic Way. The path is for accessible pedestrian connectivity and to provide access to underground utilities for maintenance and repairs. The area was cleared of invasive and non-desirable plants, shrubs and trees. The cleared area is approximately 80 feet wide between the two roads within the existing road right of way platted many years ago.

The Village Engineer worked with a landscape architect to prepare the landscaping plan included within the packet. An additional rendering is provided for perspective on what it could look like once fully matured. The actual path was shifted to provide additional ability to screen along its edges while attempting to meet three objectives based on the feedback thus far provided: 1) provide screening; 2) select plantings that mature within a shorter duration; and 3) select plantings that prosper within wet conditions. This plan has been distributed via mail to neighboring property owners as well as directly emailed to a group of individuals that inquired about its progress. Some feedback has been provided and incorporated within the attached document for the Committee to review. Some additional feedback, discussion is included in the packet for review as requested.

The plan for the meeting is to address any final comments, review the plan provided, and consider making a recommendation to the Village Board likely by way of a change order with the contractor for the Paulson Road project.

FINANCIAL/BUDGET IMPACT:

The Paulson Road construction project was approved with the 2023 CIP and the proposed plantings will likely be incorporated into those project funds. Staff is working with the contractor on a proposal for the implementation of the plan likely as a change order to the original project. Cost estimates and an update on the overall project budget will be provided in



the meeting.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Recommended Motion:

Motion, second to recommend approval to the Village Board regarding the landscape plan for the pathway between Rustic Way and Paulson Road as presented.

ATTACHMENTS:

1. 23_0718 Rustic Way Path
2. RE_ Rustic Way _ Paulson Road Improvements _ Drainage Issue



NORTHWEST OF PATH PLANTING TREATMENT EXAMPLE



SOUTHEAST OF PATH PLANTING TREATMENT EXAMPLE

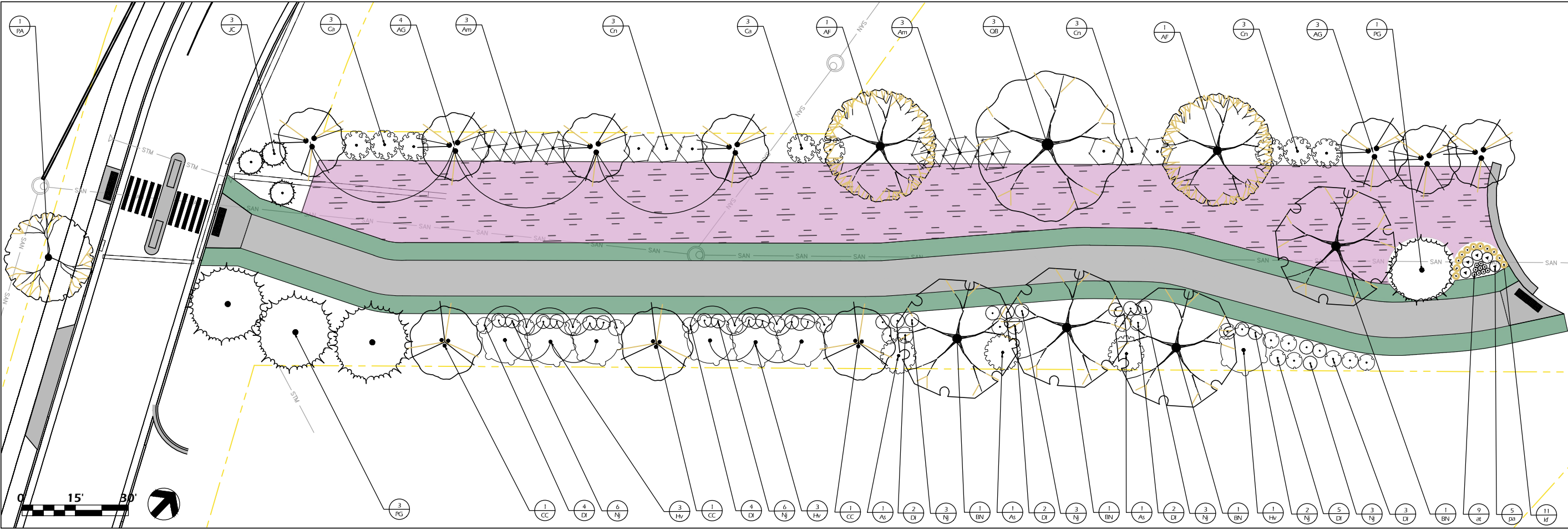
RESTORATION MIXES

SEED MIXES			
DESIGNATION	SEED MIX	RATE (LBS/ACRE)	RATE (LBS/1000 SF)
LAWN RESTORATION	WISDOT MIX #40	130.68	3.0
	SWALE ENHANCEMENT (AGRECOL)	1.00	
ANNUAL SEED MIX ADDITIVE (USE ONE TYPE)			
DESIGNATION	SEED MIX	RATE (LBS/1000 SF)	USAGE DATES
ANNUAL SEEDING		2.0	GROWING SEASON
COOL WEATHER COVER CROP	OATS	2.0	AFTER SEPTEMBER 15
DORMANT COVER CROP	WINTER WHEAT	2.0	AFTER OCTOBER 15
ADDITIONAL ADDITIVES			
DESIGNATION	TYPE	RATE (LBS/1000 SF)	USAGE DATES
FERTILIZER	PER SOIL TEST	2.0	ALL SEASONS
SOIL STABILIZER	POLYACRYLAMIDE	PER MANUFACTURER	AFTER NOVEMBER 15

PLANT SCHEDULE

SYMB	BOTANICAL NAME	COMMON NAME	SIZE (MIN)	QTY	NOTES
DECIDUOUS TREES					
AF	Acer x freemanii 'Sienna'	Sienna Glen Maple	2.5" - 3" Cal.	2	
BN	Betula nigra	River Birch	1.75" - 2" Cal.	4	
PA	Platanus x acerfolia 'Morton Circle'	Exclamation™ London Planetree	1.75" - 2" Cal.	1	
QB	Quercus bicolor	Swamp White Oak	2.5" - 3" Cal.	1	
EVERGREEN TREES					
PG	Picea glauca	White Spruce	5' Ht	4	
JC	Juniperus Chinensis 'Iowa'	Iowa Juniper	5' Ht	3	
DECIDUOUS ORNAMENTAL TREES					
AG	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry	5' SHRUB FORM TREE	7	Multi-Stem
CC	Carpinus caroliniana 'J.N. Select A'	FIRE KING™ Muscledwood	5' SHRUB FORM TREE	3	Multi-Stem
DECIDUOUS SHRUBS					
As	Amelanchier stolonifera	Running Serviceberry	#2 Cont.	3	
Am	Aronia melanocarpa var elata	Glossy Black Chokeberry	#5 Cont.	6	
Nj	Ceanothus americanus	New Jersey-tea	#3 Cont.	26	
Ca	Cornus amomum	Silky Dogwood	#5 Cont.	8	
DI	Diervilla lonicera 'Kodiak Orange'	Kodiak Orange Dwarf Bush Honeysuckle	#2 Cont.	22	
Hv	Hamamelis virginiana	Common Witchhazel	#5 Cont.	7	
Cn	Physocarpus oppulifolus	Common Ninebark	#5 Cont.	6	
PERENNIALS & GRASSES					
at	Asclepias tuberosa	Butterfly weed	#1 Cont.	9	
kf	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1 Cont.	11	
pa	Perovskia atriplicifolia 'little spire'	Little Spire Russian Sage	#1 Cont.	5	

- LANDSCAPE AND RESTORATION NOTES
1. FINAL PLANT MATERIAL LOCATIONS SHALL BE FIELD ADJUSTED AS NEEDED TO AVOID CONFLICT WITH OTHER OBSTACLES.
 2. PLANT MATERIAL SHALL BE REVIEWED BY OWNER OR A/E PRIOR TO INSTALLATION FOR QUALITY AND UNIFORMITY.
 3. ALL LANDSCAPE BEDS AND TREE RINGS SHALL HAVE A MINIMUM OF 6" DEPTH SHREDDED HARDWOOD MULCH.
 4. TREES AND SHRUBS SHALL BE INSTALLED PER DETAILS AND SPECIFICATIONS.
 5. CONTRACTOR SHALL MEET EXISTING GRADE AT GRADING LIMITS WITH A SMOOTH AND CONTINUOUS TRANSITION.
 6. ALL DISTURBED AREAS SHALL BE RESTORED WITH SEED & MULCH PER SPECIFICATIONS.
 7. SEED/SOIL PLACEMENT SHALL EXTEND TO THE LIMITS OF CONSTRUCTION DISTURBANCE.
 8. RESTORE ALL DISTURBED AREAS WITH A MINIMUM 6" TOPSOIL DEPTH. SEED MIXES SHALL BE AS SHOWN. CONTRACTOR MAY NEED TO WATER RESTORED AREAS TO ENSURE A SUBSTANTIAL CATCH OF TURF GRASS. WATERING SHALL BE INCIDENTAL.
 9. ALL SLOPES GREATER THAN 1:3 TO RECEIVE EROSION CONTROL MATTING PER DETAILS.
 10. TREES SHALL NOT BE PLANTED WITHIN THE DRAINAGEWAYS.



File: V:\23.036 McFarland Rustic Way Path CAD\P-Ls.dwg Layout: C800 User: parki Plotted: Jul 18, 2023 - 3:23pm

File: V:\23.036 McFarland Rustic Way Path\CAD\P-Landscape.dwg Layout: C801 User: parki Plotted: Jul 18, 2023 - 3:40pm



PARKITECTURE + PLANNING Parkitecture 901 Deming Way, Suite 102 Madison, WI 53717 608.886.6808			
Project Name: RUSTIC WAY PATH IMPROVEMENTS Rustic Way McFarland, WI 53558		Sheet Title: LANDSCAPE PLAN RENDERING	
Revisions:			
Project #: Issued For: Date:		23.036 Review 7/18/2023	
Sheet Number C801			

From: [Matt Schuenke](#)
To: [Mary Winter](#)
Cc: [Mark Daspit](#); [Kelly Maly](#); [dan@danchinhomes.com](#); [Mathew & Jessica Karls \(Will's parents\)](#); [Dick Southern \(dir.dick@gmail.com\)](#); [Miller Family](#); [Tomm@wcha.com](#); [kvoeck@gmail.com](#); [Lori Koffarnus](#); [Edward Wreh](#); [Lee Igl](#); [Aimee Irwin](#); [Tim Stieve](#)
Subject: RE: Rustic Way / Paulson Road Improvements / Drainage Issue
Date: Wednesday, July 19, 2023 1:06:00 PM
Attachments: [23_0718 Rustic Way Path.pdf](#)

Good afternoon,

Please see the updated drawing trying to adjust for the comments we've seen. We need to include in the packet tomorrow but if any final comments, please let us know and we'll document with the Committee in the meeting. Whatever changes come out of the meeting, we can still adjust further adjustments if feasible.

As a summary, the path configuration generally remains the same but the hackberry is replaced with red maple. Oaks are fine trees but they will not provide for the desired screening within a shorter time frame. There are also a few more evergreens on each end to create some additional buffer with the viewshed in the openings.

Again, I noted some of our objectives below. We are also getting this costed out and might have to further review our approach depending on how that develops.

Please let us know if you have any further questions.

Thanks,
Matt

From: Matt Schuenke
Sent: Tuesday, July 18, 2023 1:56 PM
To: Mary Winter <mjwinter@charter.net>
Cc: Mark Daspit <mark.daspit@gmail.com>; Kelly Maly <kelly@kellymaly.com>; dan@danchinhomes.com; Mathew & Jessica Karls (Will's parents) <mkarls2@charter.net>; Dick Southern (dir.dick@gmail.com) <dir.dick@gmail.com>; Miller Family <millers53558@gmail.com>; Tomm@wcha.com; kvoeck@gmail.com; Lori Koffarnus <lorikoff@yahoo.com>; Edward Wreh <Edward.Wreh@mcfarland.wi.us>; Lee Igl <Lee.Igl@Mcfarland.wi.us>; Aimee Irwin <aimee.irwin@mcfarland.wi.us>; Tim Stieve <tstieve@tcengineers.net>
Subject: RE: Rustic Way / Paulson Road Improvements / Drainage Issue

Thank you Mary, we will take this into account. A lot of what is proposed thus far as plantings are meant to provide screening, mature within a shorter duration, and prosper within wet conditions. Adjusting the layout of the path helps to vary the screening and they are looking to see if it can be further maneuvered. The types of plantings that mature quicker are proposed as opposed to oaks as Mark D. suggested. If we went with an oak type of tree, it would take longer before that benefit was provided. Lastly, the plants suggested are put forth as a means to soak up more water than others that are typical in drier conditions.

We will share this with the landscape architect and see what they might recommend as a result.

From: Mary Winter <mjwinter@charter.net>

Sent: Monday, July 17, 2023 4:35 PM

To: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>

Cc: Mark Daspit <mark.daspit@gmail.com>; Kelly Maly <kelly@kellymaly.com>;
dan@danchinhomes.com; Mathew & Jessica Karls (Will's parents) <mkarls2@charter.net>; Dick
Southern (dir.dick@gmail.com) <dir.dick@gmail.com>; Miller Family <millers53558@gmail.com>;
Tomm@wcha.com; kvoeck@gmail.com; Lori Koffarnus <lorikoff@yahoo.com>; Edward Wreh
<Edward.Wreh@mcfarland.wi.us>; Lee Igl <Lee.Igl@Mcfarland.wi.us>; Aimee Irwin
<aimee.irwin@mcfarland.wi.us>; Tim Stieve <tstieve@tcengineers.net>

Subject: Re: Rustic Way / Paulson Road Improvements / Drainage Issue

Thank you for the first plan to remedy what has been done to create this bike path from a dead end street into a commercial area.

We were very disappointed when we saw the straight bike path, as that leaves very little room for trees to be placed to screen the obvious Vet Contractors building. The path basically leads right up the driveway and into that commercial property garage door.

Has anyone stood in my drive way and looked that direction? 5205 Rustic Way. I will insist that you do that before the second plan is made.

I can now clearly hear the noise of a metal saw, sawing what must be metal, as that is what it sounds like. Their garage door remains open almost all day. And of course that is all combined with the new traffic noise from highway 51. The traffic is not new. The buffer has been removed.

The larger tree in your first plan that is closest to Paulson seems to be totally out of our eyesight. I would suggest moving something large, more to the center of the cleared area, next to Paulson Road. This possibly might screen the garage door from my front walk.

What has been done already makes it very difficult to landscape. I understand the dilemma that this landscaper faces. Also the fact that the wash area, even with very little rain this year, will most likely always be somewhat wet.

While I hope that I will find some relief from the anxiety that this process has caused, I find that living with this sight and noise is overwhelming.

That's how I feel.

You've already told me that you feel sorry.

Mary Winter
5205 Rustic Way
608-217-6999

Sent from my iPhone

On Jul 17, 2023, at 9:32 AM, Matt Schuenke <Matt.Schuenke@mcfarland.wi.us> wrote:

Thank you Mark.

Tim – Please share with Blake and see what can adjust based on these comments.

I would also say there is some limitation in how much the path can vary within the corridor. There is Village water and sewer main as well as an MMSD interceptor underground. They have to take all of that into account with what is suggested but we'll see what he can come up with.

From: Mark Daspit <mark.daspit@gmail.com>

Sent: Monday, July 17, 2023 8:53 AM

To: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>

Cc: Mary Winter <mjwinter@charter.net>; Kelly Maly <kelly@kellymaly.com>;
dan@danchinhomes.com; Mathew & Jessica Karls (Will's parents)
<mkarls2@charter.net>; Dick Southern (dir.dick@gmail.com) <dir.dick@gmail.com>;
Miller Family <millers53558@gmail.com>; Tomm@wcha.com; kvoeck@gmail.com; Lori
Koffarnus <lorikoff@yahoo.com>; Edward Wreh <Edward.Wreh@mcfarland.wi.us>;
Lee Igl <Lee.Igl@Mcfarland.wi.us>; Aimee Irwin <aimee.irwin@mcfarland.wi.us>; Tim
Stieve <tstieve@tcengineers.net>

Subject: Re: Rustic Way / Paulson Road Improvements / Drainage Issue

Matt,

Thank you for providing this. I would have liked to see more contour to the path to provide for additional opportunities for large trees to block the view. It is still just a corridor. In the absence of that taking place (which I strongly encourage), there needs to be more shrubs on the south end to create more of a buffer for noise and view coming from Paulson Road. I think the other northern side could use more shrubs on the east/west line as well, for sight issues, noise issues, and to detract from the attractiveness of people attempting to drive small vehicles through the path. Perhaps a couple of well placed bollards on each end would help that issue.

I note that the plan only includes one Oak tree. If you drive up and down Rustic Way, you will note that many of the homes are adorned by oak trees. In replanting this area, it would be a shame not to re-introduce more than one Oak tree to help tie the path into the neighborhood in a manner that honors the neighborhood. Many of our Oak trees are centenarians. It would be preferable to have that look ultimately extended into the pathway. I'm not suggesting a full on Oak Savanna, but more Oaks in the mix

would be preferred.

I also notice that the plan includes a Common Hackberry tree. As a homeowner with a mature Common Hackberry, I would discourage this. The Common Hackberry will become host to the Hackberry Psyllid. During the fall, thousands of Psyllids emerge from galls on the leaves and attempt to find the nearest source of warmth. They are small enough to get through most common sized window screens. I've included pictures of what the gall looks like and what a Psyllid looks like (with a pencil tip for size comparison purposes). While they are not harmful, they are an extreme annoyance in the fall should someone want to open their windows. In addition, it does give the appearance of a "diseased tree"... which it isn't and most wouldn't understand that. To keep the maintenance less complicated, I would urge you to have your landscape architect find a suitable replacement for this tree.

<image001.png>

<image002.png>

I apologize I did not have the chance to call you last week. My work schedule did not allow for a lot of time. Hopefully this feedback is what you are looking for.

Thanks,

Mark

On Thu, Jul 13, 2023 at 5:10 PM Matt Schuenke <Matt.Schuenke@mcfarland.wi.us> wrote:

Mark Daspit, Mark Winter, and fellow neighbors,

As promised, please see attached the proposed landscaping plan surrounding the Rustic Way path. There are two drawings provided to help give perspective of what is intended to be installed. The first is a site plan providing an aerial view of the path in question and the specifics of what is recommended to be installed. The second is a rendering to help provide a visual of what it could look like according to this plan while standing in the cul-de-sac on Rustic Way looking southwest. Of course that varies depending on vantage point, growth patterns over time, etc.

If anyone has any comments or questions, please share here and Aimee/Lee will compile with Tim as we get ready for the Committee meeting. I am going to be out of the office tomorrow and Monday, if we need to connect yet then we can do so as soon as Tuesday. Others can coordinate responses though in my absence as they are able.

Our schedule to advance this is as follows:

1. July 13th – Submitted draft plan to adjoining residents for feedback.
2. July 20th – Draft plan submitted to Committee.
3. July 24th – Committee considers plan for review/recommendation.
4. August 8th – Village Board considers recommendation from Committee regarding approval of draft plan and related change order to the project.
5. August/September – Path install along with associated landscaping from the approved plan. This date will become more clear as we get further into this timeframe. We should know that by the time the board takes the final action.

Remember that this is a draft and will likely evolve through the process with changes being made as we go where applicable.

Hope this all provides some clearer perspectives on next steps. Let us know if you have any further comments. If we don't hear from you, have a nice weekend and we can catch up next week as needed.

Thanks,
Matt

From: Mark Daspit <mark.daspit@gmail.com>

Sent: Friday, July 7, 2023 9:56 AM

To: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>

Cc: Mary Winter <mjwinter@charter.net>; Kelly Maly <kelly@kellymaly.com>;
dan@danchinhomes.com; Mathew & Jessica Karls (Will's parents)
<mkarls2@charter.net>; Dick Southern (dir.dick@gmail.com) <dir.dick@gmail.com>;
Miller Family <millers53558@gmail.com>; Tomm@wcha.com; kvoeck@gmail.com;
Lori Koffarnus <lorikoff@yahoo.com>; Edward Wreh
<Edward.Wreh@mcfarland.wi.us>; Lee Igl <Lee.Igl@Mcfarland.wi.us>

Subject: Re: Rustic Way / Paulson Road Improvements / Drainage Issue

Matt,

Thank you for the response. I am out of the office today traveling. Will connect next week.

Thank you.

Mark

On Fri, Jul 7, 2023, 9:42 AM Matt Schuenke <Matt.Schuenke@mcfarland.wi.us> wrote:

Mark D.,

Thank you for your email. I had actually talked to Mark W. the morning after the meeting, where we reviewed some of these points. I'm happy to share the contents of that discussion here for everyone's benefit as I think it helps address some of the points you raised. Additionally, I would suggest we connect on the phone to discuss further. Happy to talk with you further or talk with anyone else on this email that has additional questions, comments, or concerns.

As I said, Mark W. called me the morning after the meeting to discuss what had transpired the previous evening. He shared a similar level of discontent with the process and wanted to clarify next steps to address the concerns raised in the meeting. We discussed the Village preparing a landscaping plan that we would share with neighbors for input and ultimately present to the Committee to gain approval to move forward with. The Village Engineer is taking the lead on this through the project with the Contractor but there are a few ways it can be addressed as Lee has previously explained. I am not going to predetermine an outcome as to what sort of elements they recommend for inclusion within the plan (i.e. – trees, berms, grasses, path configuration, etc.), but they are aware of the concerns presented that their plan will attempt to address. We all recognize that it is a draft and we look forward to getting input back on what is prepared with the objective of reaching a successful outcome for all involved. Further work on the path elements of the project will be on hold to we figure out what the plan is, but the Paulson Road project as a whole will continue. Mark W., if I missed anything here or want me to add something from our conversation please let me know.

I do need to clarify that the property in question is not an easement as you reference below. The property in question was dedicated to the public as right of way via a CSM in the 1970's. This is a similar process to how subdivisions are created and land is platted for public purposes like roads, utilities, parks, etc under the ownership/jurisdiction of the Village. If the land in question had an easement on it, then the property would be owned by someone and the easement would grant someone else rights to use it for the purpose defined in the easement. I just wanted to clarify the land dedication issue from your message.

We are hoping to distribute that plan to you all next week to start to gather feedback. The Committee meeting is on July 24th for their review and input on what is presented. Packet materials are distributed to Committee on July 20th. That will be another opportunity for public input on this as well if people are interested. This is likely accomplished through a change order to the project

which then goes to the Village Board for approval as a recommendation. They would meet on August 8th to consider that recommendation if one is made and then the contractor likely gets to work on it later next month.

It rained Wednesday (finally), on one hand what a relief to the dry conditions. On the other, it certainly does create a mess of things especially in the middle of a construction project. Construction runoff in the middle of the project like we are seeing here is unfortunately common. During construction it is not setup to function like it was pre-construction or like it will post-construction regarding runoff. They should have gone through and reinforced things by now to adjust from the storms. We attempt to mitigate these effects with the stone, silt fence, other diversions, etc. but intense storms such as that one are tricky for any open construction project to contain while they are working to put the new improvements in. With or without the path, we would have expected to see the same effect as what your video demonstrated.

The grading for the path and the topography created is not vastly different than what was there before either. The Village Engineer commented to this effect at the meeting that the run off from this area would be more or less very similar. The path and this work is not intended to improve this condition. Another factor to keep in mind is that Rustic Way was not constructed with storm sewer. In fact, a vast majority of the Autumn Grove Subdivision was not constructed with storm sewer with the streets intended to convey run off much like you witnessed yesterday. This is not an uncommon thing to see for subdivisions platted in the 1970's. If it were conveyed underground, it would function much differently but the streets within this subdivision were intended to fulfill that dual purpose. The fix for this of course is to install more modern storm sewers underground for water conveyance which would be accomplished through a reconstruction not unlike what Paulson Road is going through. Given that most of the subdivision is without it, it's a complicated question but something we would continue to review within our planning process for stormwater improvements. Run off though post-construction continues in some fashion depending on the intensity of the storms similar to how it has since the inception of the subdivision. The difference being the discoloring of the water since the improvements will be complete and proper landscaping installed.

We as a Staff and Village are sorry for not providing advanced notice on the path's inclusion in the Paulson Road project. Lee and Ed have addressed this in the public meeting and if we need to do so again, we can. I realize that may not be accepted or good enough as we sit here today, but it is all I can offer today along with the information in this email. I hope that through these additional efforts described here that will help to back up that apology. That is what Mark W. and I talked about as well as something he was at least a little hopeful going forward but reserved judgement until that could be demonstrated. I respect that and we will follow through. We do appreciate the additional input that individuals

have stepped up to provide, I know that's not easy but we do appreciate you reaching out to provide this additional input. It makes projects better and that's good for all involved, we will continue to improve this process and again sorry to everyone that was negatively affected by this.

I would also say that Lee took ownership for the action of not providing advance notice, but we at the Village are all part of the consideration of notice for large capital projects such as these. Myself included as well as the Committee, Village Board, and Engineers for the project. We all have a role in bringing these projects forward and attempting to cast as wide a net as possible, for this aspect of the project it was missed here and that will be corrected going forward. We will review our process for putting together public notices, distribution zones, and public information meetings so that we are creating enough space for engagement in the future. Again, the changes sought will only serve to make the process better and we appreciate people reaching out to provide that input.

As requested, we will share this email with the Committee within their packet for the next meeting. That way everyone including the public will have access to the points you've raised. They'll be able to consider that in context of reviewing the landscaping plan as well as for this aspect of the project. I also requested Staff to put together a timeline review of events on how the Paulson Road project came to be. We have discussed this verbally but I think it would help to outline what transpired as you requested to better understand.

I think it would be helpful to connect on the phone today if you are able. I'm free all day, otherwise we could find a time next week. Let me know what works for you and I can give you a call. I am remote today, but able to stop out in person next week if that is preferred too.

Please review and let me know if you or anyone has any questions. Have a nice weekend!

Thanks,
Matt

From: Mark Daspit <mark.daspit@gmail.com>

Sent: Wednesday, July 5, 2023 11:08 PM

To: Edward Wreh <Edward.Wreh@mcfarland.wi.us>; Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>; Lee Igl <Lee.Igl@Mcfarland.wi.us>

Cc: Mary Winter <mjwinter@charter.net>; Kelly Maly <kelly@kellymaly.com>; dan@danchinhomes.com; Mathew & Jessica Karls (Will's parents) <mkarls2@charter.net>; Dick Southern (dir.dick@gmail.com) <dir.dick@gmail.com>; millers53558@gmail.com; Tomm@wcha.com; kvoeck@gmail.com; Lori Koffarnus <lorikoff@yahoo.com>

Subject: Rustic Way / Paulson Road Improvements / Drainage Issue

Ed, Matt & Lee,

I was in attendance at the recent McFarland Public Works Committee Meeting.

First, let me reiterate my disappointment in the handling of the easement between Rustic Way and Paulson Road. It is unconscionable that the project affecting the easement went through without notice and public comment from the residents of Rustic Way. Although I recognize that the easement exists, the planning and work has been haphazard and in complete disregard to the secluded nature of Rustic Way and its residents. If I'm being brutally honest, the failure to notify the impacted residents and the taking of action before comment on the plans (as it was admitted by Lee Igr that he simply just included them) is likely in violation of McFarland procedures, and likely other laws and regulations governing such matters. As Dan Chin mentioned during the Meeting, the value of the properties on Rustic Way have likely been affected. It remains to be seen whether the action taken by McFarland Public Works amounts to a violation of the Fifth Amendment. I have not discounted whether I, or any other members of Rustic Way if they wish, should explore this further. Lee Igr's apology is most definitely not accepted. Ed's apology is not accepted either. Neither seemed sincere or cognizant of all the facts. Lee was caught in an instance of gross negligence in executing his job function. At best, Lee needs to be suspended without pay for a period of time. However, that is simply not satisfactory. I am demanding that an investigation be commenced forthwith into his gross negligence and insist that he be relieved of his duties. The level of liability he has created from this singular instance is intolerable. The Village of McFarland MUST do better.

Second, it became painfully obvious to the Rustic Way residents in attendance that the Committee itself had no idea of the scope of impact on Rustic Way. During the subsequent discussion, it was embarrassing that members of Rustic Way were shut down from expressing further opinion based on new information being discussed. Mark Winters is owed an apology, and certainly one that is more sincere than the apologies we received for not being notified in the first place.

Third, we were assured that the drainage issues would be better. That the work already completed would alleviate the issues. That assuredly did NOT happen today. I have lived on Rustic Way for over 8 years. During that time, we have had storms of more intense nature and duration come through and NEVER have I seen the impact that this 15 minute storm produced. Removal of the vegetation from edge to edge of the easement has made the situation worse. Runoff from the properties to the east flowed straight down and drained into Rustic Way. Runoff from Paulson flowed directly down towards rustic. As you will see from the linked video, it created a waterfall effect, and the subsequent flow stretched further towards the center of the street than we have ever seen before. And indeed, it was much higher than it has ever been. The "rock pile" has done nothing, and in

fact appears to already be eroded. If a picture is worth a Thousand words, this video is worth much, much more! [**YouTube video link of Water Runoff dated 07/05/2023: <https://youtu.be/oiX64C9nfqY>**]

Fourth, the fact that this project went through without oversight and subsequent budget to ACTUALLY deal with the runoff is infuriating. It is clear that it was not executed with any foresight to both environmental and aesthetic impacts to the neighborhood. The residents who spoke, spoke well for the neighborhood. A curved path would allow for the sightline from Rustic to Paulson to be obstructed. But instead, the "easy" straight path was installed. A few curves with trees planted at the curves would alleviate this. Another consequence of the clear-cutting is the noise from Highway 51 that now reaches Rustic Way. I've resided the last 8 years in relative peace and quiet from the traffic noise, but now it funnels right through the clear cut area. This process needs to be expedited and budget money needs to be found to implement it now. If we receive any measurable amount of snow this winter, the runoff will destroy the unfinished project.

I am requesting several action items:

1. Lee Igr's actions need to be reviewed and appropriate action needs to take place. He's already admitted his negligence, so this should be fairly simple for you to just determine how he needs to be punished.
2. Multiple landscaping plans must be shared with the residents of Rustic Way for actual input BEFORE further work takes place. One of these plans should express a redesign with berms and trees at curves so as to obscure the view to Paulson and adequately abate the noise. Input from the residents of Rustic Way is critical. You would know this if you had allowed us to respond to the subsequent discussion held by the Committee.
3. I expect that this e-mail, along with the photos and videos, will be shared with all members of the Committee and support staff. Please copy myself and Mark Winters on this e-mail.

I look forward to a more thoughtful and detailed response.

Mark Daspit
5202 Rustic Way

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McFarland
SUMMARY SHEET

MEETING DATE: Monday, July 24, 2023

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Lee Igl, Public Works Director, Matt Schuenke, Village Administrator

AGENDA ITEM: Presentation and discussion regarding improvement considerations for the lagoon and channel adjoining Lake Waubesa beginning at USH 51 and Severson Road.

PREVIOUS ACTION:

The former and separated Public Works Committee and Public Utilities Committee discussed the matter over a variety of different meetings in 2016 through 2018. The outcome reached in a joint meeting on September 19, 2017 was at some point to dredge the lagoon area (from the gabion wall to USH 51). Minutes of that meeting which provide background on the issue at that time are included in the packet.

ISSUE SUMMARY:

The Village has received requests from residents to discuss improvements to the lagoon and channel that begins at USH 51 and Severson Road while making its way to Lake Waubesa down to Babcock County Park. Their desire via improvements is to see these waterways cleaned out to the fullest extent to improve water quality and functionality for recreational purposes. The area in question was fully dredged in the 1980's. The current gabion wall within the lagoon area was installed in 2006 and at that time the area around it to USH 51 was excavated to remove sediment. The Village last reviewed this project in concept from 2016-2018. Notably in 2023 the Village authorized the Village Engineer to begin to develop a new Stormwater Management Plan for the Village that to an extent can also account for these desired improvements.

Enclosed in your packet is some historical information previously prepared by the Village Engineer. Additionally, emails provided by residents on the topic are also included.

The plan for the meeting is as follows:

- **Presentation** - The Village Engineer will provide a presentation on some general historical background information to address questions thus far raised by residents. This likely is not a deep dive into any one topic surrounding the area but more of a general overview of the issues.
- **Public Input** - Opportunity will then be provided for those present to provide their questions, comments, concerns, etc. This is a chance for the public to provide input on the issues for the Committee to consider as they think about how to address the desired improvements.
- **Committee Discussion** - This will then be the Committee's opportunity to discuss the



information provided in the presentation and through the public. They can also provide their own feedback and begin to outline a process to address next steps.

This meeting is an opportunity to reintroduce the project, gather feedback, and if improvements beyond presently authorized are desired we can start to think about next steps in how they proceed.

FINANCIAL/BUDGET IMPACT:

Depending on depth, costs in 2017 to dredge the whole lagoon and channel ranged from \$300,000 to \$725,000. Likely in 2023, that cost is somewhere from \$750,000-\$1,250,000 depending on how deep the dredging is conducted. The currently proposed 2024-2028 Capital Improvement Plan forecasts costs of \$350,000 within the Stormwater Utility for Stormwater Maintenance related to dredging of the lagoon area as well as other ponds within the Village.

We will need to update these figures accordingly through the Stormwater Management Plan based on the scope of work desired as well as updated costs based on today's dollars.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

No action on this item. Discussion only.

ATTACHMENTS:

1. Past report
2. 09-19-2017 - JT PU PW Minutes
3. Re_ McFarland Waubesa Channel
4. RE_ Dawn Cherek 5913 Lake Edge mcfarland
5. Waubesa Channel Zeimet

February 16, 2018

Mr. Allan Coville, Director of Public Works
Village of McFarland
5915 Milwaukee Street
P.O. Box 110
McFarland, WI 53558

Subject: Background and Recommendations for Babcock Park Channel

Dear Allan:

In late 2017 we presented information regarding the Babcock Park channel to a joint meeting of the Public Utilities and Public Works Committees. The intent of this letter is to document the information discussed at that meeting regarding the history, design and considerations of the current configuration, and options and alternatives for future operation that may be used by Village staff and Committees to operation and manage this piece of stormwater infrastructure.

BACKGROUND

The area known as the Babcock Park Channel is the most downstream end of a large stormwater subbasin on the Village's middle-east side. Archival research showed that the channel is clearly visible as far back as 1937, showing the area being prepared for what appears to be planned residential development adjacent to the channel. The photo is shown as Exhibit A.

The channel consists primarily of an approximately 1,600-foot north-south portion running from the Waubesa Lake/Mud Lake locks to the north, a second portion running due east where the Village's existing storm sewer network discharges from underneath US Highway 51/Stoughton Road, and a third leg running northwest connecting the two aforementioned channels back to Lake Waubesa. This third feature is not visible in the 1937 photo. In speaking with long-term residents, it seems that connection was added in the late 1970s. Village staff has been unable to obtain any documentation to substantiate if (or when) the channel has ever been completely dredged, nor what the original dimensions of the channel were. It is believed that the channel may have been completely cleaned out between twenty and forty years ago.

The gabion fore bay was cleaned out in 2006 as part of a Village effort to replace the old stone gabions in a configuration that would improve the sedimentation capability of the fore bay. However, no work was performed on the main channel downstream of the gabion barriers.

During the 2006 effort, a substantial amount of sediment was removed from the fore bay area, and the gabion was moved as far downstream as can be done and still make the fore bay reasonably accessible and maintainable from the Village's access point, off of Severson Road.

CURRENT STATUS

Recently, several residents that live along the channel downstream of the gabion structure have requested that the Village clean accumulated sediment from, and further stated concerns about the effectiveness of the gabion structure itself. In 2016 the Village directed Town & Country Engineering to investigate the levels of sediment in the channel, as well as the gabion fore bay area. This survey was completed, and is enclosed with this letter.

The survey showed that approximately 1.5-foot of sediment on average had accumulated above the more-firm native soils found along the channel. This is also representative of the conditions found in the fore bay area, upstream of the gabion barriers.

The sediment was tested in a lab for various compounds. Results are also enclosed with this letter. The levels of contaminants are low enough that land spreading of this sediment is allowable under current DNR regulations.

FUTURE OPTIONS

There are several options available to the Village:

1. Do nothing.
2. Clean out fore bay, which is part of routine and regular to the stormwater management feature.
3. Clean out all sediment above the firm native soils in the entire channel and fore bay.
4. Clean out additional soils to achieve a 6-foot average water depth to recreate what several residents have recalled as the channel depth from many years ago.

The fore bay that currently exists provides a water depth of approximately 3.5 feet during summer months (this will obviously fluctuate with lake levels). This indicates that the recommended water depth of 3.0 feet commonly used for sediment to settle out of water bodies may exist for another one to three years, depending on the amount of precipitation and the level of sediment in the runoff being washed from upstream areas.

Dredging the channel much deeper than the more-firm native soils may create rapid re-sedimentation of the channel area because of the fixed elevation of the lock and concrete spillway just downstream of this area in Babcock Park.

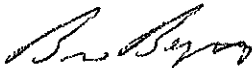
In any of these cases, stormwater utility funds could be used to cover costs associated with the fore bay. With any construction downstream of the fore bay, the Village may want to consider whether the recreational benefits from a channel cleaning warrant assessing costs (fully or partially) to the adjacent residents.

CURRENT ACTIONS

The two committees debated the matter at length at their September 19, 2017 meeting. It was determined that no work should be done on either the channel or the sediment fore bay until field measurements indicate a clean-out is necessary to maintain proper performance of the fore bay. This will be a decision for future Village staff and officials. It was determined at this time that no work should be done downstream of the gabion structures, with Village funds because the improvements would primarily benefit the residents living directly along the channel.

Please feel free to contact us with any questions regarding these findings or if we may be of further assistance to the Village in this regard.

Very truly yours,
TOWN & COUNTRY ENGINEERING, INC.



Brian R. Berquist, P.E.
President

BRB:sai

J:\JOB#S\McFarland\MC-112-M3 Babcock Park Farwell Street Channel Dredging (FILE)\Admin\Recommendation Report.docx

Exhibit A – 1937 Aerial Photo showing channel and adjacent grading/clearing

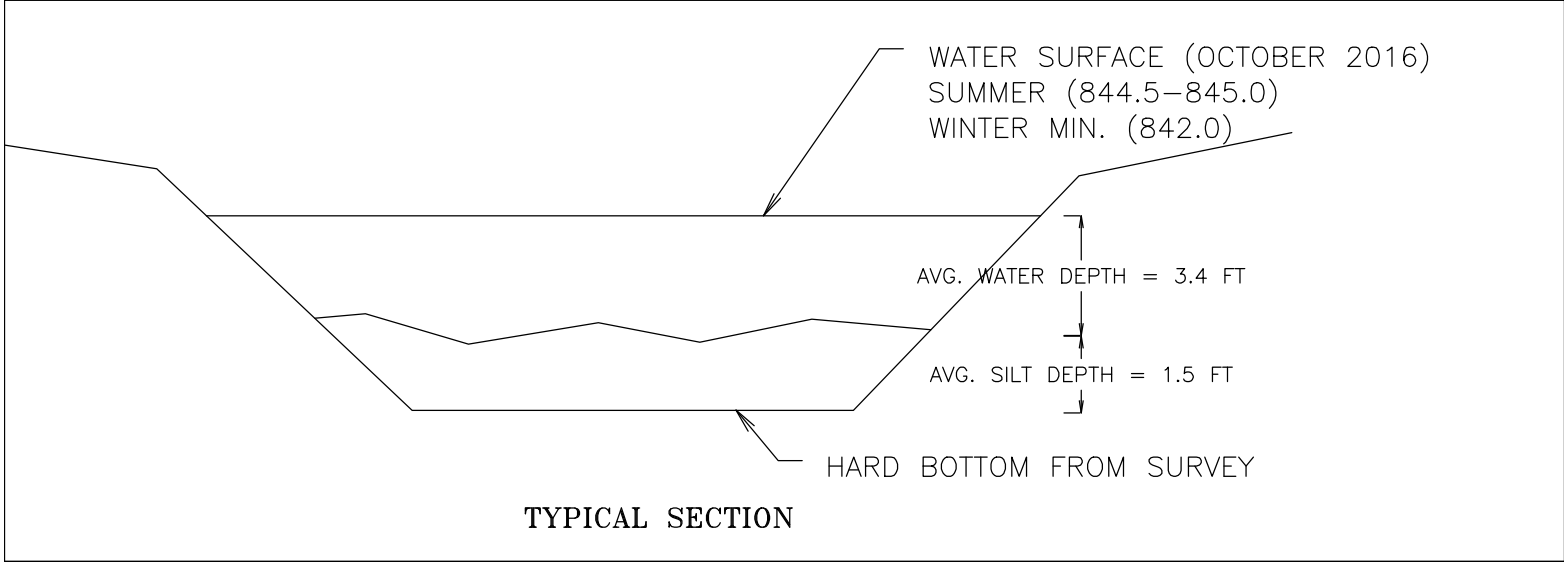


APPROX. WATER
ELEV. = 845.81
(7.3 FT ABOVE WEIR)

CONCRETE WEIR
ELEV. = 838.48

APPROX. WATER
ELEV. = 845.90

PIPE INVERT
ELEV. = 843.65



RESTORATION TO HARD BOTTOM

- REMOVAL OF APPROXIMATELY 7400 CUBIC YARDS WILL ACHIEVE THE HARD BOTTOM FOUND DURING SURVEY
- ESTIMATED COST = \$300,000
- ESTIMATED COST/SHORELINE FOOT = \$62/FT FOR 4850 FT

RESTORATION TO BELOW HARD BOTTOM TO ACHIEVE 6 FOOT DEPTH

- REMOVAL OF APPROXIMATELY 18000 CUBIC YARDS WILL ACHIEVE A 6 FOOT CENTER DEPTH
- ESTIMATED COST = \$725,000
- ESTIMATED COST/SHORELINE FOOT = \$150/FT FOR 4850 FT

ANALYTICAL REPORT

TOWN & COUNTRY ENGINEERING

TOM TEBEEST

2912 MARKETPLACE DR

SUITE 103

MADISON, WI 53719

Copy: ttebeest@tcengineers.net

Project Name: MC FARLAND SEDIMENT TESTING

Project Phase:

Contract #: 3085

Project #:

Folder #: 128411

Purchase Order #:

Page 1 of 6

Arrival Temperature: See COC

Report Date: 07/03/2017

Date Received: 06/23/2017

Reprint Date: 07/03/2017

CT LAB Sample#: 883746 Sample Description: SOUTH END

Sampled: 06/22/2017 1235

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	28.0	%	0.1	0.1	1			06/27/2017 13:30	BMM	EPA 8000C
Conductivity	970	uS/cm	1.00		1			06/27/2017 11:00	BKB	EPA 9050A
Fecal Coliform	168	MPN/g_TS	10		1			06/23/2017 11:10	SAW	SM 9221
pH	7.07	S.U.	N/A	N/A	1			06/30/2017 11:00	MER	EPA 9045D
Phosphorus	724	mg/kg	120	410	1	M	06/28/2017 09:00	14:32	BKB	EPA 365.4
Total Organic Carbon as % OM	12.9	%	0.1	0.1	1			06/26/2017 15:30	SAW	MOSA 29-4,3,2,4
Nitrogen Kjeldahl	3240	mg/kg	130	450	1	M	06/28/2017 09:00	11:38	BKB	EPA 351.2
Nitrate Nitrogen	<1.4	mg/kg	1.4	5.0	1		06/27/2017 11:15	15:14	DGS	EPA 9056A
Metals Results										
Arsenic	<2.4	mg/kg	2.4	8.6	1		06/23/2017 11:00	15:07	NAH	EPA 6010C
Cadmium	<0.17	mg/kg	0.17	0.56	1		06/23/2017 11:00	15:07	NAH	EPA 6010C
Chromium	11.6	mg/kg	5.0 *	17	1		06/23/2017 11:00	15:07	NAH	EPA 6010C
Copper	13.8	mg/kg	0.96	3.2	1		06/23/2017 11:00	15:07	NAH	EPA 6010C
Lead	15.2	mg/kg	1.0	3.5	1		06/23/2017 11:00	15:07	NAH	EPA 6010C
Nickel	8.9	mg/kg	1.0	3.5	1		06/23/2017 11:00	15:07	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 883746		Sample Description: SOUTH END		Sampled: 06/22/2017 1235	
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Zinc	92.0	mg/kg	1.2	4.2	1		06/23/2017 11:00	06/26/2017 15:07	NAH	EPA 6010C
Potassium	542.6	mg/kg	76	250	1	B	06/23/2017 11:00	06/26/2017 11:28	MDS	EPA 6010C

CT LAB Sample#: 883752		Sample Description: BABCOCK PARK PIER		Sampled: 06/22/2017 1000	
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	50.8	%	0.1	0.1	1			06/27/2017 13:30	BMM	EPA 8000C
Conductivity	1210	uS/cm	1.00		1			06/27/2017 11:00	BKB	EPA 9050A
Fecal Coliform	57.6	MPN/g TS	10		1			06/23/2017 11:10	SAW	SM 9221
pH	7.25	S.U.	N/A	N/A	1			06/30/2017 11:00	MER	EPA 9045D
Phosphorus	457	mg/kg	71	240	1		06/28/2017 09:00	06/30/2017 14:36	BKB	EPA 365.4
Total Organic Carbon as % OM	5.9	%	0.1	0.1	1			06/28/2017 15:30	SAW	MOSA 29-4,3,2,4
Nitrogen Kjeldahl	2060	mg/kg	78	260	1		06/28/2017 09:00	06/30/2017 11:42	BKB	EPA 351.2
Nitrate Nitrogen	2.56	mg/kg	0.78 *	2.7	1		06/27/2017 11:15	06/27/2017 16:10	DGS	EPA 9056A

Metals Results

Arsenic	<1.2	mg/kg	1.2	4.2	1		06/23/2017 11:00	06/26/2017 15:13	NAH	EPA 6010C
Cadmium	<0.082	mg/kg	0.082	0.27	1		06/23/2017 11:00	06/26/2017 15:13	NAH	EPA 6010C
Chromium	10.2	mg/kg	2.4	8.1	1		06/23/2017 11:00	06/26/2017 15:13	NAH	EPA 6010C
Copper	12.4	mg/kg	0.47	1.5	1		06/23/2017 11:00	06/26/2017 15:13	NAH	EPA 6010C
Lead	21.4	mg/kg	0.50	1.7	1		06/23/2017 11:00	06/26/2017 15:13	NAH	EPA 6010C
Nickel	8.1	mg/kg	0.50	1.7	1		06/23/2017 11:00	06/26/2017 15:13	NAH	EPA 6010C
Zinc	57.9	mg/kg	0.60	2.0	1		06/23/2017 11:00	06/26/2017 15:13	NAH	EPA 6010C
Potassium	467.1	mg/kg	37	120	1	B	06/23/2017 11:00	06/26/2017 11:39	MDS	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 883753 Sample Description: MIDDLE APT PIER

Sampled: 06/22/2017 12:10

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	14.2	%	0.1	0.1	1			06/27/2017 13:30	BMM	EPA 8000C
Conductivity	924	uS/cm	1.00		1			06/27/2017 11:00	BKB	EPA 9050A
Fecal Coliform	151	MPN/g TS	10		1			06/23/2017 11:10	SAW	SM 9221
pH	7.07	S.U.	N/A	N/A	1			06/30/2017 11:00	MER	EPA 9045D
Phosphorus	401	mg/kg	230 *	760	1		06/28/2017 09:00	06/30/2017 14:37	BKB	EPA 385.4
Total Organic Carbon as % OM	16.6	%	0.1	0.1	1			06/26/2017 15:30	SAW	MOSA 29-4,3,2,4
Nitrogen Kjeldahl	3800	mg/kg	250	840	1		06/28/2017 09:00	06/30/2017 11:43	BKB	EPA 351.2
Nitrate Nitrogen	<2.8	mg/kg	2.8	9.8	1		06/27/2017 11:15	06/27/2017 16:29	DGS	EPA 9056A

Metals Results

Arsenic	<4.0	mg/kg	4.0	14	1		06/23/2017 11:00	06/26/2017 15:38	NAH	EPA 6010C
Cadmium	<0.28	mg/kg	0.28	0.94	1		06/23/2017 11:00	06/26/2017 15:38	NAH	EPA 6010C
Chromium	15.0	mg/kg	8.4 *	28	1		06/23/2017 11:00	06/26/2017 15:38	NAH	EPA 6010C
Copper	27.0	mg/kg	1.6	5.3	1		06/23/2017 11:00	06/26/2017 15:38	NAH	EPA 6010C
Lead	25.1	mg/kg	1.7	5.8	1		06/23/2017 11:00	06/26/2017 15:38	NAH	EPA 6010C
Nickel	5.9	mg/kg	1.7	5.8	1		06/23/2017 11:00	06/26/2017 15:38	NAH	EPA 6010C
Zinc	159	mg/kg	2.1	7.0	1		06/23/2017 11:00	06/26/2017 15:38	NAH	EPA 6010C
Potassium	533.4	mg/kg	130	420	1	B	06/23/2017 11:00	06/26/2017 11:41	MDS	EPA 6010C

CT LAB Sample#: 883754 Sample Description: LAGOON

Sampled: 06/22/2017 12:00

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	42.7	%	0.1	0.1	1			06/27/2017 13:30	BMM	EPA 8000C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 883754 Sample Description: LAGOON

Sampled: 06/22/2017 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Conductivity	986	uS/cm	1.00		1			06/27/2017 11:00	BKB	EPA 9050A
Fecal Coliform	131	MPN/g_TS	10		1			06/23/2017 11:10	SAW	SM 9221
pH	7.07	S.U.	N/A	N/A	1			06/30/2017 11:00	MER	EPA 9045D
Phosphorus	343	mg/kg	79	260	1		06/28/2017 09:00	06/30/2017 14:38	BKB	EPA 385.4
Total Organic Carbon as % OM	9.1	%	0.1	0.1	1			06/26/2017 15:30	SAW	MOSA 29-4,3,2,4
Nitrogen Kjeldahl	1720	mg/kg	87	290	1		06/28/2017 09:00	06/30/2017 11:44	BKB	EPA 351.2
Nitrate Nitrogen	<0.93	mg/kg	0.93	3.3	1		06/27/2017 11:15	06/27/2017 16:47	DGS	EPA 9056A
Metals Results										
Arsenic	<1.0	mg/kg	1.0	3.7	1		06/23/2017 11:00	06/26/2017 15:45	NAH	EPA 6010C
Cadmium	0.079	mg/kg	0.072 *	0.24	1		06/23/2017 11:00	06/26/2017 15:45	NAH	EPA 6010C
Chromium	11.1	mg/kg	2.1	7.1	1		06/23/2017 11:00	06/26/2017 15:45	NAH	EPA 6010C
Copper	18.6	mg/kg	0.41	1.3	1		06/23/2017 11:00	06/26/2017 15:45	NAH	EPA 6010C
Lead	12.2	mg/kg	0.44	1.5	1		06/23/2017 11:00	06/26/2017 15:45	NAH	EPA 6010C
Nickel	5.4	mg/kg	0.44	1.5	1		06/23/2017 11:00	06/26/2017 15:45	NAH	EPA 6010C
Zinc	152	mg/kg	0.53	1.8	1		06/23/2017 11:00	06/26/2017 15:45	NAH	EPA 6010C
Potassium	286.9	mg/kg	32	110	1	B	06/23/2017 11:00	06/26/2017 11:44	MDS	EPA 6010C

CT LAB Sample#: 883755 Sample Description: NORTH CHANNEL

Sampled: 06/22/2017 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	66.8	%	0.1	0.1	1			06/27/2017 13:30	BMM	EPA 8000C
Conductivity	1150	uS/cm	1.00		1			06/27/2017 11:00	BKB	EPA 9050A
Fecal Coliform	50.3	MPN/g_TS	10		1			06/23/2017 11:10	SAW	SM 9221

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 883755 Sample Description: NORTH CHANNEL

Sampled: 06/22/2017 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
pH	7.48	S.U.	N/A	N/A	1			06/30/2017 11:00	MER	EPA 9045D
Phosphorus	151	mg/kg	51 *	170	1		06/28/2017 09:00	06/30/2017 14:39	BKB	EPA 365.4
Total Organic Carbon as % OM	2.1	%	0.1	0.1	1			06/26/2017 15:30	SAW	MOSA 29-4,3,2,4
Nitrogen Kjeldahl	902	mg/kg	57	190	1		06/28/2017 09:00	06/30/2017 11:45	BKB	EPA 351.2
Nitrate Nitrogen	<0.60	mg/kg	0.60	2.1	1		06/27/2017 11:15	06/27/2017 17:06	DGS	EPA 9056A
Metals Results										
Arsenic	<0.83	mg/kg	0.83	3.0	1		06/23/2017 11:00	06/26/2017 11:45	NAH	EPA 6010C
Cadmium	<0.058	mg/kg	0.058	0.19	1		06/23/2017 11:00	06/26/2017 11:45	NAH	EPA 6010C
Chromium	1.9	mg/kg	1.7 *	5.8	1		06/23/2017 11:00	06/26/2017 11:45	NAH	EPA 6010C
Copper	1.5	mg/kg	0.33	1.1	1		06/23/2017 11:00	06/26/2017 11:45	NAH	EPA 6010C
Lead	3.1	mg/kg	0.36	1.2	1		06/23/2017 11:00	06/26/2017 11:45	NAH	EPA 6010C
Nickel	0.77	mg/kg	0.36 *	1.2	1		06/23/2017 11:00	06/26/2017 11:45	NAH	EPA 6010C
Zinc	8.5	mg/kg	0.43	1.4	1		06/23/2017 11:00	06/26/2017 11:45	NAH	EPA 6010C
Potassium	115.1	mg/kg	26	86	1		06/23/2017 11:00	06/26/2017 11:52	MDS	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
 Project Manager
 608-356-2760

QC Qualifiers

Code Description

B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 Louisiana NELAP (primary) ID# ACC20160002
 Illinois NELAP Lab ID# 200073
 Kansas NELAP Lab ID# E-10368
 Virginia NELAP Lab ID# 460203
 Maryland Lab ID# W100061
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID ACC20160002
 Pennsylvania NELAP Lab ID# 68-04201, # 008

CHAIN OF CUSTODY

Page of

Company: TomteBeest & Company, Inc.
 Project Contact: TomteBeest
 Telephone: 608 273-3350
 Project Name: MC FARLAND
 Project #: MC 112
 Location: Dabcock Park/Lagoon
 Sampled By: TJT

Report To:
 EMAIL: tlebeest@engineers.net
 Company:
 Address:

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
 608-356-2760 Fax 608-356-2766
 www.ctlaboratories.com

am:

Folder #: 128411

Company: WALKIN

Project: MC FARLAND SEDIMENT

Logged By: BNA PM: JLS

RCRA SDWA NPDES
 Waste Other
 Invoice To: *
 EMAIL:
 Company:
 Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

ANALYSES REQUESTED

Total # Containers

Designated MS/MSD

Turnaround Time
 Normal RUSH*
 Date Needed:

Rush analysis requires prior
 CT Laboratories' approval
 Surcharges:
 24 hr 200%
 2-3 days 100%
 4-9 days 50%

CT Lab ID #
Lab use only

Fill in Spaces with Bottles per Test

Matrix:
 GW - groundwater SW - surface water WW - wastewater DW - drinking water
 S - soil/sediment SL - sludge A - air M - misc/waste

Sample ID Description

Grab/Comp

Matrix

Collection Date Time

Sample #

1 South end

2 Babcock Park Pier

3 Middle (Apt. pier)

4 Lagoon

5 North Channel

Relinquished By:

TomteBeest

Date/Time

4/22/17 2:00pm

Received By:

Per

Date/Time

6/23/17 0940

Lab Use Only

Ice Present

No

Temp

6.9 IR Gun

Cooler #

5894

Received by:

J. Sullivan

Date/Time

6/23/17 1011

Ice Present ☒ No
 Temp 6.9 IR Gun
 Cooler # 5894

Table C-1: Testing Parameters

Parameters required under s. NR 528.06				Additional parameters*
Physical →	Nutrients***→	Trace Elements**→	Pathogens →	Other**
pH Percent solids, Percent organic matter, Electrical conductivity (EC) as a saturated paste 9045C MDSA 29-4.3 9050A	Total Kjeldahl nitrogen, ^{MN} Total nitrate nitrogen, Total phosphorus, Total potassium 351.2 9056 365.4 6010	Arsenic Cadmium Copper Chromium Nickel Lead Zinc 6010C	Pathogen or indicator organism FECAL MN SM 9221	Inorganics and pathogens Heavy metals/trace elements (beyond routine)... Additional pathogenic organisms, as necessary (bacteria, viruses, helminth, protozoa, etc.) Organics Volatiles, Acid extractable compounds, Base/neutral, Pesticides, Polynuclear aromatic hydrocarbons (PAH)s, Oil and grease

* There may be other applicable and appropriate tests.
 ** Indicates a parameter that must be run at a laboratory certified or registered in accordance with ch. NR 149.
 ***In addition, the DNR recommends consulting the procedures employed by the University of Wisconsin Soil and Plant Analysis Laboratory or a soil testing lab certified by DATCP for tests that are nutrient in nature. The UW Soil Lab procedures are available at: <http://uwlab.soils.wisc.edu/lab-procedures/>. The DATCP certified labs are available at: <http://datcp.wi.gov/uploads/Farms/pdf/Doc9eSoil&ManureTestingLabs.pdf>.

Analytical considerations

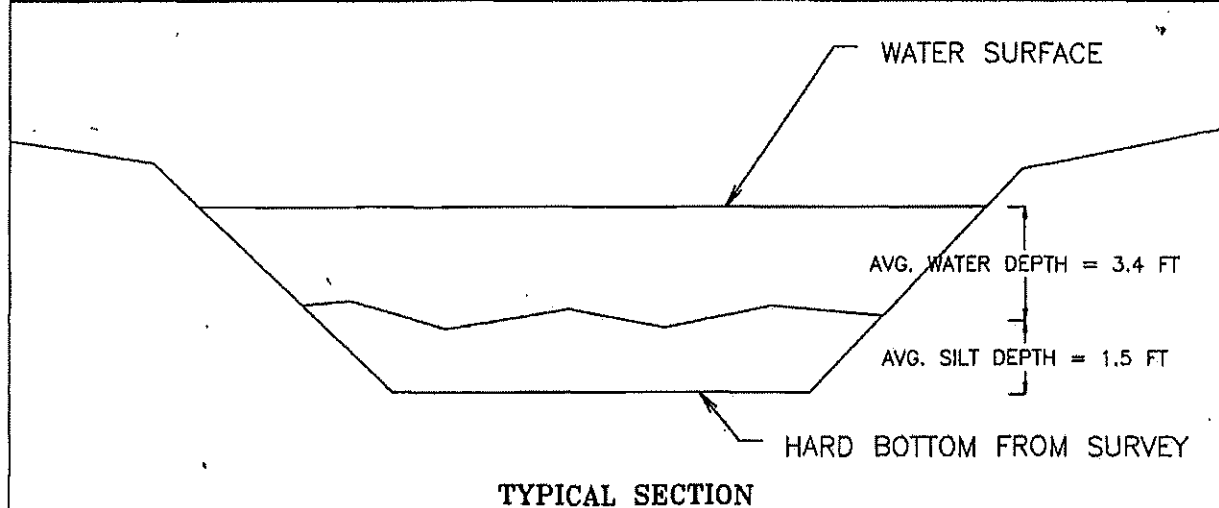
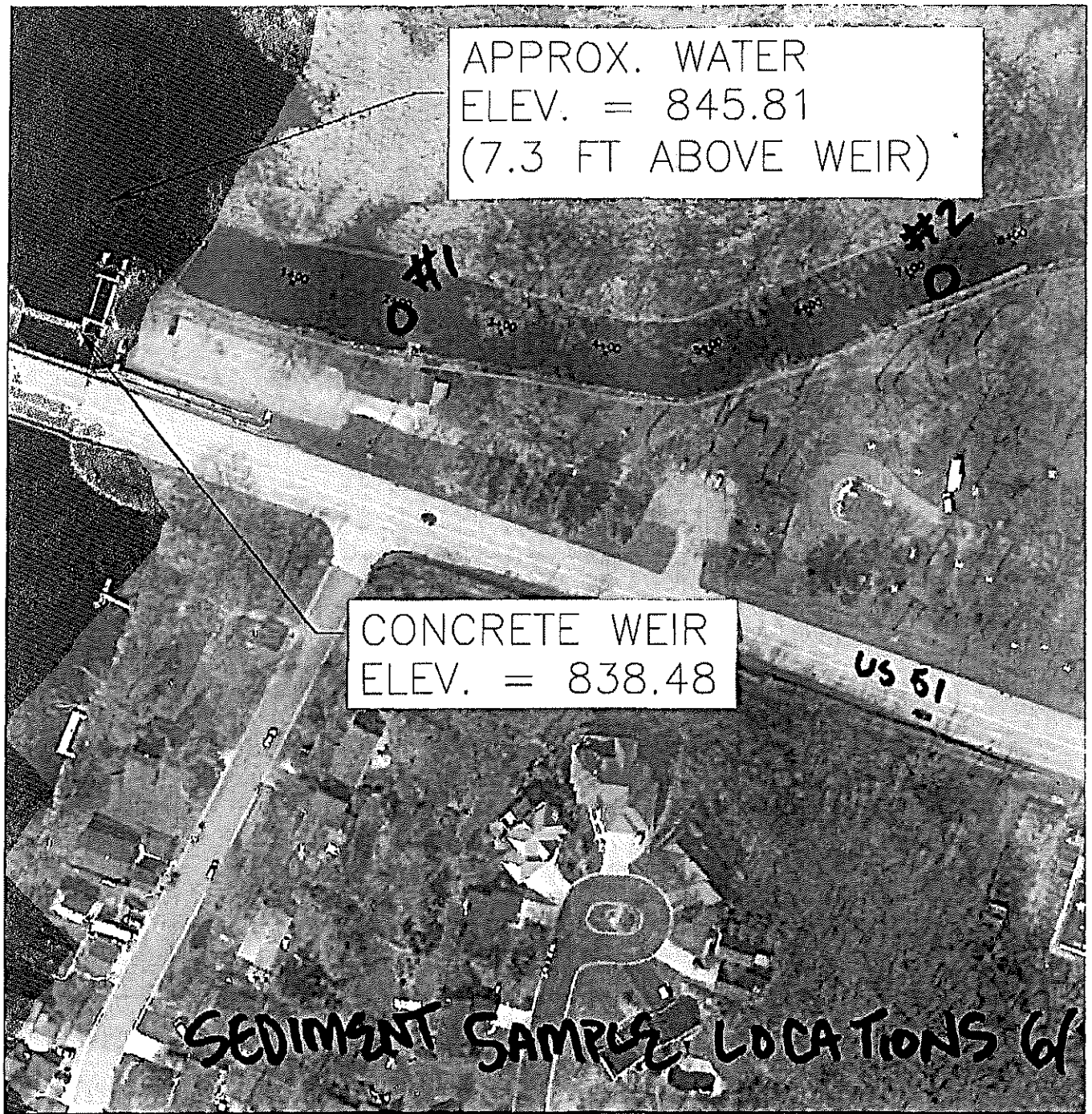
As Table C-1 indicates the parameters listed in the columns labeled as "Trace Elements" and "Other" must be analyzed at a laboratory certified or registered in ch. NR 149. This requirement does not apply to the parameters listed in the other three columns.

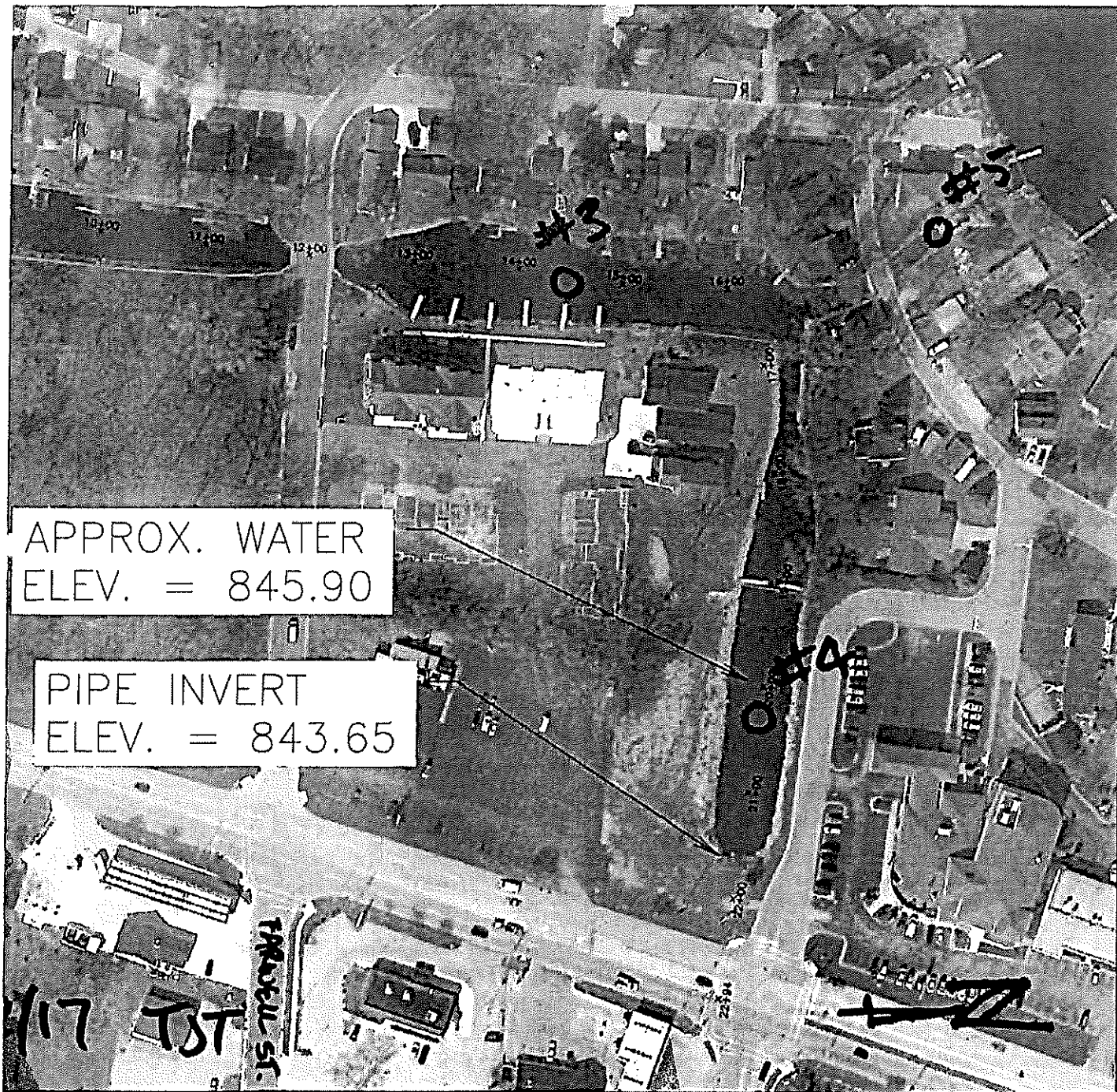
Consider the following items when developing a sampling and analysis plan:

- Choose detection levels below the environmental standards levels.
- Choose test methods appropriate to the sediment material.
- Use standard methods as much as possible.

Here are some references to assist in determining appropriate analytical methods:

- EPA SW-846, Methods, Third Edition, rev. March 2009. Online version available at: <http://www.epa.gov/epawaste/hazard/testmethods/sw846/online/index.htm>
- Ch. NR 347, Sediment Sampling and Analysis, Monitoring Protocol and Disposal Criteria for Dredging Projects: <http://www.legis.state.wi.us/rsb/code/nr/nr347.pdf>
- Ch. NR 219 provides the protocol for analyzing samples for both municipal and industrial wastewater and solids (NR 204 and NR 214). These are very similar to the accumulated sediment to be sampled in stormwater control structures: <http://www.legis.state.wi.us/rsb/code/nr/nr219.pdf>
- Coliform and indicator pathogens: APHA. 1992. Standard methods for the examination of water and wastewater. 18th ed. American Public Health Association, Washington, DC: <http://www.epa.gov/volunteer/stream/vms511.html>





2912 Marketplace Drive

BABCOCK PARK CHANNEL

PROJ
DRAW
MC
CHECK
DATE
REVISED
SCALE

DATE

RESTORATION TO HARD BOTTOM

- REMOVAL OF APPROXIMATELY 7400 CUBIC YARDS WILL ACHIEVE THE HARD BOTTOM FOUND DURING SURVEY
- ESTIMATED COST = \$300,000
- ESTIMATED COST/SHORELINE FOOT = \$62/FT FOR 4850 FT

RESTORATION TO BELOW HARD BOTTOM TO ACHIEVE 6 FOOT DEPTH

- REMOVAL OF APPROXIMATELY 18000 CUBIC YARDS WILL ACHIEVE A 6 FOOT CENTER DEPTH
- ESTIMATED COST = \$725,000
- ESTIMATED COST/SHORELINE FOOT = \$150/FT FOR 4850 FT

PUBLIC UTILITIES /PUBLIC WORKS JOINT COMMITTEE MINUTES

Tuesday, September 19, 2017

6:00 P.M.

McFarland Municipal Center
Firemen's Training Room

Committee Members Present: Mary Pat Lytle, Carolyn Clow, Stephanie Brassington, Jerry Adrian, Ernie Peterson, Marv Myers, Chris Fredrick, Marc Nielsen, Craig Weiss, Richard Vela, Elizabeth Bohuski, Don Miller, and Ron Allen.

Staff Present: Brian Berquist (Town & Country Engineering), Allan Coville (Director Public Works / Utilities)

Others Present: Jim Zirbel (6107 South Court)

Call to Order Public Utilities Committee Meeting: Mary Pat Lytle called the Utility Meeting together at 6:00 pm

Call to Order Public Works Committee Meeting: Carolyn Clow called the Public Works Committee together at 6:00 pm

Discussion and action to appoint a Chairperson of the Joint Meeting: Mary Pat Lytle was appointed Joint Chairperson.

Public Comment for Joint Meeting.

Jim Zirbel presented his perspective of the channel and the concerns the abutting residents have regarding the depth of the water running through the Babcock Channel. He believes the sedimentation in the bottom of the channel is from the storm water coming out of the gabion wall fore bay structure and has built up over the years. His belief is that the channel used to be deeper which allowed easier access for those residents who moor their boats adjacent to their property. His underlying request is that the Village dredge the channel to make it deep enough for residents to navigate their boats out into the lake.

General Business of Joint Committees.

- a. **Discussion and possible action regarding the maintenance / dredging of the Babcock Park Channel.**

Brian Berquist of Town & Country Engineering gave a presentation on the Babcock Channel. An aerial picture was displayed dating back to 1937 showing the channel existed at that time. Staff has been unable to obtain documentation to substantiate if or when the channel has ever been dredged. It is believed that the channel was

previously dredged 20 – 40 years ago. We know the gabion fore bay was dredged in 2006.

During the 2006 effort, a substantial amount of sediment was removed from the forebay area and the gabion moved as far downstream (west) as could be done and still make it reasonably maintainable from the Village access point.

Survey of the current top-of-sediment, bottom-of-sediment, and water level was completed in October 2016 at the direction of the Village Public Works Committee. Subsequent analysis showed that approximately 1.5 feet of sediment (on average) exists above the more firm native soils along the entire channel. This is also representative of conditions found in the forebay area.

There are several options available to the Village:

- Do nothing

- Clean out the forebay only at this time, as part of routine and recurring maintenance to the stormwater management feature

- Clean out all sediment above the firm native soils in the entire channel and forebay

- Clean out additional soils to achieve a 6-foot depth to re-create what some long-time residents of the area recall as the channel depth

The forebay as it currently exists provides a water depth of approximately 3.5 feet. This indicates that the recommended water depth of 3.0 feet commonly used to allow for sediment to settle out of the water could continue for 1-3 years, depending on the amount of precipitation and level of sediment being washed from upstream areas.

Dredging the channel much deeper than the firm native soils could create rapid re-sedimentation because of the fixed elevation of the dam/lock configuration just downstream of this area in Babcock Park.

In any case, stormwater utility funds would be a likely source to cover costs associated with the forebay. The more difficult decision is whether costs beyond the stone gabion structure (which are considered to have more recreational benefit) should be assessed (fully or partially) to the adjacent residents.

Mary Pat Lytle made a motion to recommend to Village Board to approve the dredging of the lagoon from Highway 51 to the gabion wall for a cost of \$75,000. Craig Weiss seconded. Motion failed (5 yes – 8 no)

Chris Fredrick made a motion to dredge the lagoon from Highway 51 to the gabion wall and nothing else when staff identifies the need for the lagoon to be dredged. Carolyn Clow seconded and the motion passed (12 yes – 1 no)

b. Update regarding Public Works projects on going in the Village.

Director Coville gave a brief status update on various projects throughout the Village. A comprehensive list and status of all major projects was included in the packet.

Adjournment: Motion by Jerry Adrian to adjourn at 8:07 pm and seconded by Marv Myers. Motion passed by unanimous consent.

Respectfully submitted by Brian Berquist and Allan Coville

From: [Dan Lampe](#)
To: [Matt Schuenke](#); [Edward Wreh](#)
Cc: [Jason Sweeney](#); [Dawn Cherek](#); [Lee Igl](#); [Brian Berquist - Town and Country Engineering \(brian@tcengineers.net\)](#)
Subject: Re: McFarland Waubesa Channel
Date: Wednesday, June 21, 2023 11:44:59 AM

Thank you, Matt and Ed, for getting this on the agenda for July 24th. We look forward to working together to come up with solutions that benefit all. If you need anything from us prior to the meeting don't hesitate to reach out.

Looking forward to a productive meeting.

Regards,
Dan

From: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>
Sent: Wednesday, June 21, 2023 11:29 AM
To: Edward Wreh <Edward.Wreh@mcfarland.wi.us>; Dan Lampe <Dan@Storm-GPS.US>
Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>; Lee Igl <Lee.Igl@Mcfarland.wi.us>; Brian Berquist - Town and Country Engineering (brian@tcengineers.net) <brian@tcengineers.net>
Subject: RE: McFarland Waubesa Channel

Good afternoon,

Thanks Dan for reaching out, and to Dawn also that contacted me. I am still out through the end of the week and will be back beginning on Monday. I wanted to get a head start on some things though in anticipation for my return.

Trustee Wreh requested this matter be placed on the agenda for the Public Works and Utilities Committee on July 24th beginning at 6:00 pm. People can attend in person at the Municipal Center in the Community Room or there is a Zoom option. Public Works will send out a notice to people around the waters and we'll post on the website as well. This is a public meeting, so you are free to invite people as well.

The plan for the meeting is as follows:

- Presentation – Village Staff will provide some background on past work conducted on this project. Not likely a deep dive but historical background to date.
- Public Input – Opportunity for those present to provide their questions, comments, concerns, etc.
- Discussion – The Committee can then further discuss the information provided and feedback given if they have any further needs on the matter.

I think we want to have a little bit of structure, but be flexible as best we can still recognizing it's a public meeting in which there is an agenda to follow. We will also invite Dane County

representatives to the meeting to hear the discussion as well.

Please review and let me know if you have any questions. This is what we'll be working towards for next month unless we discuss a different approach or changes to what is presented here.

Thanks,
Matt

From: Edward Wreh <Edward.Wreh@mcfarland.wi.us>
Sent: Wednesday, June 7, 2023 7:06 PM
To: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>; Dan Lampe <Dan@Storm-GPS.US>
Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>
Subject: Re: McFarland Waubesa Channel

Hey all,
I recognize this is a sensitive subject and I will gladly have a public meeting to discuss but I require time to gather the facts of the matter and for staff to put materials together. Furthermore, the county's plan was requested and we will need to coordinate with the county to have someone present. A meeting without information of substance is a disservice to the community and all those involved.

We did have a chance to connect with the county and they made it very clear that this project is outside the scope of the work they are currently doing. I believe a similar message was provided to you all as well. We will continue to advocate but we do not control their actions as they are a separate body of government.

Matt,
Is out of the office for most of June and I will work with him to get a meeting scheduled or get this item on the agenda for a future Public Works meeting.
This item likely won't land on the agenda until the July or August committee meeting. Matt's recommendation that we all meet was a means to have dialogue and provide updates on what has been happening before that meeting.

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From: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>
Sent: Friday, June 2, 2023 11:06 AM
To: Dan Lampe <Dan@Storm-GPS.US>
Cc: Edward Wreh <Edward.Wreh@mcfarland.wi.us>; Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>
Subject: RE: McFarland Waubesa Channel

Thanks Dan, I understand what your request is. I did call it a meeting. Ed's Committee meets monthly and we will arrange accordingly. We will be in touch next month as I advised.

From: Dan Lampe <Dan@Storm-GPS.US>
Sent: Friday, June 2, 2023 11:03 AM
To: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>
Cc: Edward Wreh <Edward.Wreh@mcfarland.wi.us>; Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>
Subject: Re: McFarland Waubesa Channel

We wish to meet in a Public Meeting. If you decline that we will involve more public media outlets in this. Your Name will be on the top.

From: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>
Sent: Friday, June 2, 2023 10:56 AM
To: Dan Lampe <Dan@Storm-GPS.US>; Edward Wreh <Edward.Wreh@mcfarland.wi.us>
Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>
Subject: RE: McFarland Waubesa Channel

Ok, I understand that you do not wish to meet further to discuss these matters based on my offer. Certainly going back and forth in an email like this will not resolve the matter. I think that we can agree on.

As I mentioned previously, I am going to be out of the office now for most of June. I will discuss with Ed when I get back some sort of meeting that we'll schedule later this Summer. We'll be in touch. Thanks.

From: Dan Lampe <Dan@Storm-GPS.US>
Sent: Friday, June 2, 2023 10:45 AM
To: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>; Edward Wreh <Edward.Wreh@mcfarland.wi.us>
Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>
Subject: Re: McFarland Waubesa Channel

Matt,

I appreciate your attention to this matter.

I would like to respond to your comments individually...

Matt Schuenke

"Short answer is that the gabion wall is not broken from our perspective"

Dan Lampe

The Gabion damn and wall serves no purpose in its current configuration and has allowed 4 foot of sludge to build up in channel and down stream for 36 years. Dane County has been dredging this run off for 2 years... Village of McFarland is the root cause. This run off is not coming from Lake.

<https://www.youtube.com/watch?v=J97DLb-1sGg&t=40s>

Lake Waubesa Toxic sludge Run off Problem

There is a 3 foot buildup of toxic sludge in the Lake Waubesa Channel caused by Direct Run off from Streets and Sewers in McFarland WI. This video highlights...

www.youtube.com

Matt Schuenke

DNR on dredging that will have to be followed that preclude our ability from doing anything immediate

Dan Lampe

6/2/2023 10:39AM

Dane County equipment is operational in waters by Waubesa Lock and could easily move up channel to Burma Bridge. This will clean out root cause problem ABOVE.

Bottom Line Matt, is we want Public Hearing.

Regards,

Concerned Citizens for Clean Lakes

From: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>

Sent: Friday, June 2, 2023 10:11 AM

To: Dan Lampe <Dan@Storm-GPS.US>; Edward Wreh <Edward.Wreh@mcfarland.wi.us>

Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>

Subject: RE: McFarland Waubesa Channel

Dan,

That is why I would like us to meet first. I can work to have the County present so we can talk through those issues together. Short answer is that the gabion wall is not broken from our perspective and the County's equipment is not an option for an immediate fix. There is also significant permitting requirements through the DNR on dredging that will have to be followed that preclude our ability from doing anything immediate. We learned that recently on a different project where all we wanted to do was remove some rocks to improve the beach at McDaniel Park. All

things I'm sure you've heard before and are not agreeable to as a response, but it's the truth. The difference here being I would like us all to be together to hear the same things. Again, I think it would be of value to host this small group meeting to plan for larger efforts. Those kinds of engagements can help us all.

Let me know what you think.

Thanks,
Matt

From: Dan Lampe <Dan@Storm-GPS.US>

Sent: Friday, June 2, 2023 9:26 AM

To: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>; Edward Wreh
<Edward.Wreh@mcfarland.wi.us>

Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>

Subject: Re: McFarland Waubesa Channel

Matt and Ed,

Thank you for engaging in this issue and recognizing a Stormwater Management Plan is needed for McFarland. We recognize there are longer-term plans needed but also realize we have some immediate action items that are low cost high impact. We need to stop the sediment from running off into the channel. We also need clean lake flow from Lake Waubesa that is being restricted by Zebra Mussel shell buildup at Lake Edge Bridge. Dane County equipment is in place to continue right up to Burma Bridge. This is adjacent to Babcock park.

We would like a Public forum to go thru these issues:

1. The Villages plan to fix the Gabion Wall and dredge out the Gabion Pond.
2. The Villages plan to clean out channel from the Gabion Wall to Burma Bridge.
3. The Villages plan to clean out Zebra Mussel shells from Mouth of Lake Waubesa to Lake Edge Road Bridge
4. Dane County's plan to Dredge along Babcock Park to Burma Bridge.

We ask for a Public hearing and offer our full support to help solve this and make our Lakes and Channels clean again. Please go ahead and schedule this where you are available as well as County Reps. We will ensure a large representation of concerned residents will be on hand.

Let us know how we can help facilitate this meeting.

Regards,

Concerned Citizens for Clean Lakes

From: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>
Sent: Thursday, June 1, 2023 1:27 PM
To: Dan Lampe <Dan@Storm-GPS.US>; Edward Wreh <Edward.Wreh@mcfarland.wi.us>
Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>
Subject: RE: McFarland Waubesa Channel

Good afternoon,

Thank you Ed and Dan for the inclusion. I also talked to the reporter initially but he wasn't sure when the report was coming out, then he tried to contact me on Memorial Day but was unavailable.

In any event, this project has been something discussed previously and we are happy to connect again to address these points. What I would suggest is that we find a time to meet where we can all be present to hear the same answers. Ed, myself, Public Works Staff, and the Village Engineer can be present in that discussion. I can reach out to our Dane County contact as well to see if he is available. I am going to have some availability challenges for most of June, I'm sorry about that but I do want to be part of this discussion. Is there a date/time the week of July 3rd or 10th that would work best for people?

The purpose for that meeting would be to provide background on previous evaluations done of this issue (last time was in 2017), answer the questions posed by Dan below, and then talk about next steps for planning this type of project. If we need to further align within a Committee meeting, we can discuss that too.

I know that reaction to this request might be seen with the desire for a more immediate response. The reality is that it will take some time, probably months to years to properly take what has been a concept and put it through its paces for a full public improvement. The Village is beginning the process for updating our Stormwater Management Plan and whatever is to be done here regarding this issue needs to be accounted for within that project so we can properly advance it within our capital improvements. The feedback received here is fundamental to building that process.

Looking forward to getting together. Let me know what you think.

Thanks,
Matt

From: Dan Lampe <Dan@Storm-GPS.US>
Sent: Thursday, June 1, 2023 11:02 AM
To: Edward Wreh <Edward.Wreh@mcfarland.wi.us>; Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>
Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>
Subject: Re: McFarland Waubesa Channel

Good Morning Ed and Matt,

Thanks for getting back to us. We would definitely like a Public Forum to discuss these issues. There are 4 main points we would like addressed:

1. The Villages plan to fix the Gabion Wall and dredge out the Gabion Pond.
2. The Villages plan to clean out channel from the Gabion Wall to Burma Bridge.
3. The Villages plan to clean out Zebra Mussel shells from Mouth of Lake Waubesa to Lake Edge Road Bridge
4. Dane County's plan to Dredge along Babcock Park to Burma Bridge.

These 4 issues need to be addressed to fix current problems and avoid a recurrence of sludge build up that is plaguing the cleanup efforts going on downstream currently.

Thank you for your help in setting this up and let us know what other information you need from us.

Regards,

Concerned Citizens for Clean Lakes

From: Edward Wreh <Edward.Wreh@mcfarland.wi.us>

Sent: Thursday, June 1, 2023 9:29 AM

To: Dan Lampe <Dan@Storm-GPS.US>

Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>; Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>

Subject: Re: McFarland Waubesa Channel

Hey all,

The village met with the county earlier this week and Matt can provide more information on where that conversation landed, and level set with expectations regarding next steps.

Happy to bring this forth to the applicable committees if it is your desire. I have cc'd Matt and happy to chat. I can be ringed at 704-975-5741.

Get [Outlook for iOS](#)

From: Dan Lampe <Dan@Storm-GPS.US>

Sent: Wednesday, May 31, 2023 8:41:51 AM

To: Edward Wreh <Edward.Wreh@mcfarland.wi.us>

Cc: Jason Sweeney <meanj22@yahoo.com>; Dawn Cherek <combstudios@yahoo.com>

Subject: McFarland Waubesa Channel

Good Morning Ed,

Wanted to make you aware of the story regarding the channel that was aired on Monday and Tuesday of this week on News Channel 3. We appreciated you coming out last week and seeing the channel and recommending next steps. We would like to meet with the Village board to discuss this issue and hopefully start the process of resolving this years old problem. How would you recommend we proceed at this point?

[McFarland residents concerned about sediment buildup | Video | channel3000.com](#)



[McFarland residents concerned about sediment buildup](#)

McFarland residents concerned about sediment buildup

www.channel3000.com

Regards,

Dan Lampe
Chief Technology Officer
STORM-GPS
608 320-0122

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From: [Matt Schuenke](#)
To: [Dawn Cherek](#)
Cc: [Cassandra Suettinger](#)
Subject: RE: Dawn Cherek 5913 Lake Edge mcfarland
Date: Wednesday, June 7, 2023 2:13:00 PM

Thanks for your email. As I mentioned, I am out of the office for a bit so sorry for the delay in responding.

As I recall, Dan reached out initially and my suggestion was to have a small group meeting with Ed, myself, Staff, Dan, you, and maybe a couple others. That we would have done in early July. Dan responded by requesting a public meeting which is what Ed chairs as the Public Works and Utilities Committee which meets near the end of each month.

I copied Cassandra on this message and she will connect with Ed in my absence to see how he wants to proceed. I'm not sure if he got back to Dan on his request, if so we'll be in touch on that soon in some manner.

-----Original Message-----

From: Dawn Cherek <combstudios@yahoo.com>
Sent: Wednesday, June 7, 2023 11:33 AM
To: Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>
Subject: Re: Dawn Cherek 5913 Lake Edge mcfarland

Hi Matt,

Majority of our people that want to get together won't be able to do it until July 10 th because of the holiday of July 3rd We do only want a public meeting !

I have about 4 people or more who want to be there also ... Thank you, Dawn Cherek

Sent from my iPhone

> On Jun 3, 2023, at 7:40 AM, Dawn Cherek <combstudios@yahoo.com> wrote:

>

> Hi Matt

> Yes I was sending that message to Dan .. Sorry about that... but I do want to have a PUBLIC meeting if we can enforce that more. I am available July 3 and July 10th

> I am finishing up my house around there and I want to replace the riprap and clean up around the bridge area around my house. It is totally disgusting! So if you can enforce my permits, I would appreciate it as soon as possible.. my engineer is sending over the application of the permit to you for the village

> I have no other choice in the matter because I want to rent it out !

> Mike Barr needs to clean up his area too !

> I think you should have responsibilities in that too. I asked him and he said I don't have to do anything!

> After the entrance is finally dredged out someday! There should be like rocks, so things won't cave in and get clogged up again around there and put new riprap around that so we don't have that problem anymore!

> It's real dangerous right there also because zebra mussels are so sharp like shells that people can cut themselves with their feet because they still try to go through there all the time!

> I think Mike Barr should be forced to do something from the village also or the Dnr!

> Thank you for your interest. I totally appreciate it!

> Dawn Cherek

>

> Sent from my iPhone

Aimee Irwin

From: Pete Zeimet <zeimet1@yahoo.com>
Sent: Friday, July 14, 2023 1:19 PM
To: Public Works
Subject: McFarland Waubesa Channel

Dear Public Works,

I cannot attend the July 24th meeting when the channel will be a topic of discussion, so I wanted to share my comments via email. I bought the property at 3601-03 Severson Street over ten years ago. One of the features that attracted me (and my tenants) was the channel. This channel is a great spot for fishing and it also allows for a small canoe/paddleboard to access Lake Waubesa.

As I understand it, there has been an abundance of mussels inhabiting the entrance and blocking the channel. In addition, some trees have fallen--at least one was from my own property--and the channel needs general maintenance.

I have a strong interest in maintaining this channel both for the recreational opportunities it affords and for the beauty, both for me and the other residents. In the past couple of years, I have contacted both the DNR and the Public Works Department to discuss this. Everyone is VERY nice and professional at the local and state level, and there seems to be some uncertainty about jurisdiction and direction. Personally, I have paid to clean up my own tree that fell into the channel.

Please let me know if there are other things I can do to improve this space or advocate on behalf of other residents. And let me know what you decide.

Thank you!

Pete Zeimet
608-239-4497
zeimet1@yahoo.com

VILLAGE OF
McFarland
SUMMARY SHEET

MEETING DATE: Monday, July 24, 2023

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Lee Igl, Public Works Director, Aimee Irwin, Assistant to the Public Works Director

AGENDA ITEM: Discussion and action to make a recommendation to the Village Board regarding current and future disconnection procedures for unresponsive meter change-out customers

PREVIOUS ACTION:

None.

ISSUE SUMMARY:

Staff is proposing current and future procedures to follow when a resident is non-responsive or non-compliant with service or upgrade requests by the Water Utility, up to and including disconnection of water service at the curb stop. This procedure is not for the non-payment of utility charges. A memo is included, which lays out the current procedure with meter change-outs occurring with HydroCorp and the future procedures the Water Utility will follow once the meter changes are completed.

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Recommended motion:

Motion, second to recommend approval to the Village Board regarding the presented disconnection procedure for unresponsive meter change-out customers.

ATTACHMENTS:

1. 50W certified mailing SAMPLE
2. Water disconnection memo to Committee 7-24-23



www.mcfarland.wi.us | 5115 Terminal Drive, McFarland, WI 53558 |
608.838.7287

(insert date)

Customer Name
Customer Address
McFarland, WI 53558

Regarding: **Required meter change-out**

Dear Customer,

The utility needs to gain access to your property in order to change-out the meter within your home. All meters within the village are being changed over to a new reading platform and in order to do this, we are required to change out the meter. Also, the meter in your home is required to be changed out per the Wisconsin Public Service Commission (PSC) which regulates the utility. The meter at your property is over 20 years old and therefore is required to be retired.

Your property has received three mailings from HydroCorp back in 2022. These mailings were sent June 9th, July 21st and August 18th. Your property also received additional mailings from the utility regarding the urgency of this matter with the last mailing occurring around December 30th.

We urge you to please contact the utility as soon as possible to schedule this meter change-out. Failure to comply with this requirement could lead to possible disconnection of services until the meter change out is complete. The appointment will only take 30-45 minutes to complete. We appreciate your time and attention to this matter. If you have any questions, please do not hesitate to contact the utility via email at public.works@mcfarland.wi.us or contact our office at 608-838-7287.

Sincerely,

Aimee Irwin
Assistant to the Public Works Director
608-838-7287

TO: Matt Schuenke, Village Administrator

FROM: Lee Igl, Director of Public Works

DATE: July 13, 2023

RE: Procedures for correspondence and water shut-off process for Water Utility Non-compliance.

The Water Utility, occasionally will have residents or property owners who do not respond to requests for utility compliance, for things such as, meter change outs, updates, or repairs of plumbing, etc. The following are the suggested procedures the Public Works department will follow, for notification of the residents, for requested services and the process leading up to the disconnection of their water service for non-compliance.

With the meter change outs that are being conducted by HydroCorp throughout the village, there are currently 6 residents non-responsive to the request to schedule a meter change out. The process below are the steps Public Works is following and requests approval to follow throughout the remainder of the meter change outs.

1. HydroCorp will send out a series of three letters, via US Mail to residents.
2. The Village will send out a series of two letters, via US Mail, to non-responsive or non-complaint residents.
3. The Village will send one additional letter, certified US Mail, to non-responsive or non-complaint residents.
4. If the resident does not schedule and keep an appointment to have the meter changed out within 14 days (PSC requires 10 days), on the 15th day, Village staff will shut off the water at the curb stop.

For any future non-responsive or non-compliant service or update requests, the Water Utility requests approval to follow the below process.

1. HydroCorp sends three letters – US Mail – (for current meter change out program only)
2. Village sends two certified letters, via US Mail.
3. The village sends 14-day notice of disconnection if appointment is not made and kept, via certified US Mail and a door hanger at the residents.
4. The village disconnects the resident's water, at the curb stop, on the 15th day.

McFarland
SUMMARY SHEET

MEETING DATE: Monday, July 24, 2023

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Matt Schuenke, Village Administrator

AGENDA ITEM: Discussion and action to make a recommendation to the Village Board regarding the 2024-2028 Capital Improvement Plan.

PREVIOUS ACTION:

The Committee was introduced to the plan at its meeting on May 23, 2023.

The Committee further reviewed this plan at its meeting on June 26, 2023.

ISSUE SUMMARY:

Please find included within your packets the proposed 5 year Capital Improvement Plan for 2024-2028 as its related to the Public Works Department. The base of this plan is fueled by the 10 year Paving and Utility Plan following the format and assumptions previously established by this Committee. That plan is also updated and included in your packet for reference as well to review and adjust priorities where applicable. The full 5 year plan includes all other Capital needs for the Department including Utilities for vehicles, equipment, and other maintenance needs. We have reviewed its contents for several meetings now and our plan for this meeting is to finalize that review via a recommendation to the Village Board. The Village Board at the same time is reviewing the full 5 year CIP for all Departments and anticipates completing this work near the end of August for inclusion in the 2024 Budget process that will begin this Fall. The board will be presented with an updated version that incorporates the changes provided by the Committee.

FINANCIAL/BUDGET IMPACT:

Cost estimates and projections are included within the attachment.

VILLAGE PLAN REFERENCE:

None

ORDINANCE REFERENCE:

Section 2-432(c) - "Preparing and recommending to the Village Board a capital improvement plan for public improvements, facilities, vehicles, and equipment."

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Recommended Motion:

Motion, second to recommend approval to the Village Board regarding the 2024-2028 Capital Improvement Plan as presented.

ATTACHMENTS:

1. 2024-2028 McFarland CIP - DRAFT - 05312023 (1)



2. Long Range CIP 07.17.23



5 Year
Capital Improvement Program

2024-2028

August 22, 2023
Village Board Review and Approval

DRAFT

2024-2028 McFarland Capital Improvement Plan

Funding Summary

By Department...	2024	2025	2026	2027	2028	Total
Administration	39,500	52,500	27,500	27,500	57,500	204,500
Facilities	12,683,000	12,684,500	186,000	188,000	188,000	25,929,500
Communications/Technology	5,000	5,000	5,000	5,000	5,000	25,000
Police	185,000	65,000	285,000	235,000	35,000	805,000
Fire and Rescue	110,000	1,009,000	188,250	1,413,000	584,250	3,304,500
Public Works	9,788,250	4,746,250	6,249,000	5,897,250	6,513,250	33,194,000
Senior Outreach	0	0	0	0	0	0
Library	371,000	113,000	8,000	8,000	8,000	508,000
Parks	3,023,000	3,500,000	3,105,000	1,760,000	7,565,000	18,953,000
Community Development	175,000	20,500	56,000	56,250	281,250	589,000
Total	26,379,750	22,195,750	10,109,750	9,590,000	15,237,250	83,512,500

By Fund...	2024	2025	2026	2027	2028	Total
General - Fund 100	4,500	4,500	4,500	4,500	4,500	22,500
Comm/Tech - Fund 200	5,000	5,000	5,000	5,000	5,000	25,000
TID #3 - Fund 305	-	-	-	3,070,750	1,686,500	4,757,250
TID #4 - Fund 310	-	-	-	-	-	-
TID #5 - Fund 315	-	-	-	-	-	-
Capital Projects - Fund 400	20,509,250	18,188,000	5,277,000	4,831,750	11,042,000	59,848,000
Parks - Fund 405	515,000	500,000	165,000	435,000	440,000	2,055,000
Utility - Fund 600	4,562,500	3,021,500	3,943,000	1,096,250	1,996,000	14,619,250
Stormwater - Fund 605	783,500	476,750	715,250	146,750	63,250	2,185,500
Total	26,379,750	22,195,750	10,109,750	9,590,000	15,237,250	83,512,500

Within Fund 400...	2024	2025	2026	2027	2028	Total
General Revenue	250,000	275,000	300,000	325,000	350,000	1,500,000
Grants	2,182,000	5,000	690,750	750	6,000,000	8,878,500
Intergovernmental	800,000	-	500,000	-	-	1,300,000
Borrowing	17,275,250	17,678,000	3,786,250	4,506,000	4,692,000	47,937,500
Reserves	2,000	230,000	-	-	-	232,000
Total	20,509,250	18,188,000	5,277,000	4,831,750	11,042,000	59,848,000

Within Borrowing...	2024	2025	2026	2027	2028	Total
Bonds	12,500,000	12,500,000	-	-	-	25,000,000
Notes	4,775,250	5,178,000	3,786,250	4,506,000	4,692,000	22,937,500
Total	17,275,250	17,678,000	3,786,250	4,506,000	4,692,000	47,937,500

Within Fund 600 and 605...	2024	2025	2026	2027	2028	Total
Water	2,328,250	2,897,250	2,913,000	982,000	1,965,250	11,085,750
Sanitary Sewer	2,234,250	124,250	1,030,000	114,250	30,750	3,533,500
Storm Sewer	783,500	476,750	715,250	146,750	63,250	2,185,500
Total	5,346,000	3,498,250	4,658,250	1,243,000	2,059,250	16,804,750

Capital Improvement Program

Village of McFarland

Prior Plan Approval/Inclusion Year:

2021	2022	2023	2024	2025	2026	2027	2028
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Program Year: 2024

Funding by Project

Projects	Dept	General Fund 100	Comm/Tech Fund 200	TID #3 Fund 305	TID #4 Fund 310	TID #5 Fund 315	Capital Projects - Fund 400					Parks Fund 405	Utility - 600		Stormwater Fund 605	Total
							General	Grants	Intergov	Borrow	Reserve	Total	Water	Sewer		
Digital Records Mgmt	Admin						25,000					25,000				25,000
Equipment/Furniture	Admin	2,500										-				2,500
HR Software	Admin						12,000					12,000				12,000
Community Center (Build)	Facilities									12,500,000		12,500,000				12,500,000
General Tech Equipment	Facilities									30,000		30,000				30,000
Land Acquisition	Facilities						40,000					40,000				40,000
Network Equip	Facilities						4,000					4,000	3,000	3,000	3,000	13,000
Sinking Fund	Facilities						100,000					100,000				100,000
Equipment Upgrade	C/T											-				-
	C/T		5,000									-				5,000
	C/T											-				-
Equipment	Police									15,000		15,000				15,000
RMS System	Police									150,000		150,000				150,000
Traffic Safety	Police									20,000		20,000				20,000
Car 1 Sinking Fund	Fire/EMS						7,750					7,750				7,750
EMS Equipment	Fire/EMS									24,250		24,250				24,250
Fire Equipment	Fire/EMS						24,500	5,000		27,250		56,750				56,750
Ice/Water Rescue	Fire/EMS						6,500					6,500				6,500
Technology	Fire/EMS									14,750		14,750				14,750
Exchange Street (Build)	DPW							1,177,000		2,101,250		3,278,250	1,039,750	164,000	390,750	4,872,750
Grapple Bucket	DPW									6,000		6,000				6,000
Landscape Rakes	DPW									20,000		20,000				20,000
Leased Equipment	DPW						9,000					9,000	8,000	8,000	8,000	33,000
Lift Station #2 (Build)	DPW											-		2,000,000		2,000,000
Paving and Utility Plan	DPW									698,750		698,750	1,018,250			1,717,000
Pedestrian Ways	DPW									100,000		100,000				100,000
Pickup Truck X 4	DPW									57,000		57,000	57,000	57,000	57,000	228,000
Sidewalk Replace	DPW									100,000		100,000				100,000
Sinking Fund	DPW						2,250					2,250	2,250	2,250	2,250	9,000
Small Capital	DPW											-			2,500	2,500
Street Maintenance	DPW									150,000		150,000				150,000
Street Sweeper	DPW											-			320,000	320,000
Street Tree Planting	DPW									30,000		30,000				30,000
Well #5 (Design)	DPW											-	200,000			200,000
Outreach	Outreach											-				-
	Outreach											-				-
	Outreach											-				-
Comp - Workstation	Library						8,000					8,000				8,000
HVAC Controls	Library									115,000		115,000				115,000
Parking Lot/Hardscape	Library									73,000		73,000				73,000
Roof Maintenance	Library									175,000		175,000				175,000
Bathroom (Design/Build)	Parks											-	75,000			75,000
Bocce Electrical/Light	Parks									-		-				-
Brandt Park Bathrooms	Parks									110,000		110,000				110,000
CP Phase 2 (Design)	Parks									175,000		175,000				175,000
Field Grading	Parks									40,000		40,000				40,000
Inclusive Park (Build)	Parks							1,000,000	800,000			1,800,000	300,000			2,100,000
Lewis Park Flooring	Parks									30,000		30,000				30,000
Lake Access (Design/Build)	Parks									300,000		300,000				300,000
McDaniel Park (Permitting)	Parks									25,000		25,000				25,000
Mower	Parks									28,000		28,000				28,000
Park Equipment	Parks											-	15,000			15,000
Playground (Highland)	Parks											-	125,000			125,000
Property Acquisition	Parks											-				-
Downtown TID	CD									-		-				-
East Side BP TID	CD									50,000		50,000				50,000
Outdoor Rec Plan	CD						8,000			-	2,000	10,000				10,000
Property Acquisition	CD											-				-
Small Capital	CD	2,000										-				2,000
Sinking Fund	CD						3,000					3,000				3,000
Zoning Code	CD									110,000		110,000				110,000
Total Projects		4,500	5,000	-	-	-	250,000	2,182,000	800,000	17,275,250	2,000	20,509,250	515,000	2,328,250	2,234,250	26,379,750

Capital Improvement Program

Village of McFarland

Prior Plan Approval/Inclusion Year:

2021	2022	2023	2024	2025	2026	2027	2028
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Program Year: 2025

Funding by Project

Projects	Dept	General Fund 100	Comm/Tech Fund 200	TID #3 Fund 305	TID #4 Fund 310	TID #5 Fund 315	Capital Projects - Fund 400					Total	Parks Fund 405	Utility - 600		Stormwater Fund 605	Total
							General	Grants	Intergov	Borrow	Reserve			Water	Sewer		
Badger Book Replacement	Admin									25,000		25,000					25,000
Digital Records Mgmt	Admin						25,000					25,000					25,000
Equipment/Furniture	Admin	2,500										-					2,500
Community Center (Build)	Facilities									12,500,000		12,500,000					12,500,000
General Tech Equipment	Facilities									30,000		30,000					30,000
Land Acquisition	Facilities						40,000					40,000					40,000
Network Equip	Facilities						4,000					4,000		3,500	3,500	3,500	14,500
Sinking Fund	Facilities						100,000					100,000					100,000
	C/T											-					-
Equipment Upgrade	C/T		5,000									-					5,000
	C/T											-					-
Equipment	Police						15,000					15,000					15,000
Squad Car Video	Police						22,750			7,250		30,000					30,000
Traffic Safety	Police						5,000			15,000		20,000					20,000
Ambulance (x 2)	Fire/EMS									625,000	125,000	750,000					750,000
Car 1 Sinking Fund	Fire/EMS						8,500					8,500					8,500
Chief Vehicle	Fire/EMS									127,000		127,000					127,000
EMS Equipment	Fire/EMS						4,750					4,750					4,750
Fire Equipment	Fire/EMS							5,000		55,500		60,500					60,500
Ice/Water Rescue	Fire/EMS									5,250		5,250					5,250
Technology	Fire/EMS						11,750			41,250		53,000					53,000
CTH MN 5 (Design)	DPW									50,000		50,000					50,000
E. Interceptor II (Design)	DPW											-			30,000		30,000
Leased Equipment	DPW						9,000					9,000		8,000	8,000	8,000	33,000
Patrol Truck	DPW									80,000		80,000		80,000	80,000	80,000	320,000
Paving and Utility Plan	DPW									507,750		507,750		403,000			910,750
Pedestrian Ways	DPW									100,000		100,000					100,000
Pickup Truck	DPW									44,000		44,000					44,000
Sidewalk Replace	DPW									100,000		100,000					100,000
Sinking Fund	DPW						2,750					2,750		2,750	2,750	2,750	11,000
Small Capital	DPW											-				2,500	2,500
Stormwater Maintenance	DPW											-				350,000	350,000
Street Maintenance	DPW								150,000			150,000					150,000
Street Sweeper	DPW											-				30,000	30,000
Street Tree Planting	DPW								30,000			30,000					30,000
Tool Cat Machine	DPW								85,000			85,000					85,000
Vehicle Lift	DPW								200,000			200,000					200,000
Well #5 (Build)	DPW											-		2,300,000			2,300,000
	Outreach											-					-
	Outreach											-					-
	Outreach											-					-
Comp - Workstation	Library						8,000					8,000					8,000
Roof Replacement	Library										105,000	105,000					105,000
Bathroom (Design/Build)	Parks											-	160,000				160,000
CP Phase 2 (Build)	Parks									2,000,000		2,000,000	325,000				2,325,000
Egner Park Facility (Design)	Parks									75,000		75,000		100,000			175,000
Larson Park	Parks									100,000		100,000					100,000
McDaniel Park (Build)	Parks									250,000		250,000					250,000
McF Park Ph 3.1 (Design)	Parks									75,000		75,000					75,000
McF Park (Facility)	Parks									250,000		250,000					250,000
Park Equipment	Parks											-	15,000				15,000
Property Acquisition	Parks											-					-
Siggekow Trail (Design)	Parks								150,000			150,000					150,000
Parks PF Needs Assessment	CD						15,000					15,000					15,000
Property Acquisition	CD											-					-
Small Capital	CD	2,000										-					2,000
Sinking Fund	CD						3,500					3,500					3,500
Total Projects		4,500	5,000	-	-	-	275,000	5,000	-	17,678,000	230,000	18,188,000	500,000	2,897,250	124,250	476,750	22,195,750

Capital Improvement Program

Village of McFarland

Prior Plan Approval/Inclusion Year:

2021	2022	2023	2024	2025	2026	2027	2028
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Program Year: 2026

Funding by Project

Projects	Dept	General	Comm/Tech	TID #3	TID #4	TID #5	Capital Projects - Fund 400						Parks	Utility - 600		Stormwater	Total
		Fund 100	Fund 200	Fund 305	Fund 310	Fund 315	General	Grants	Intergov	Borrow	Reserve	Total	Fund 405	Water	Sewer	Fund 605	
Digital Records Mgmt	Admin						25,000					25,000					25,000
Equipment/Furniture	Admin	2,500										-					2,500
General Tech Equipment	Facilities									30,000		30,000					30,000
Land Acquisition	Facilities						40,000					40,000					40,000
Network Equip	Facilities						4,000					4,000		4,000	4,000	4,000	16,000
Sinking Fund	Facilities						100,000					100,000					100,000
Equipment Upgrade	C/T											-					-
	C/T		5,000									-					5,000
	C/T											-					-
Equipment	Police						15,000					15,000					15,000
Patrol Vehicles	Police									200,000		200,000					200,000
Traffic Safety	Police						20,000					20,000					20,000
USH 51 Cameras	Police									50,000		50,000					50,000
Car 1 Sinking Fund	Fire/EMS						9,000					9,000					9,000
EMS Equipment	Fire/EMS						5,000					5,000					5,000
Fire Equipment	Fire/EMS						1,750	5,000		66,500		73,250					73,250
Ice/Water Rescue	Fire/EMS									4,500		4,500					4,500
Staff Vehicle	Fire/EMS									80,250		80,250					80,250
Technology	Fire/EMS						8,500			7,750		16,250					16,250
CTH MN 5 (Build)	DPW							685,750		319,000		1,004,750		882,250		366,750	2,253,750
E. Interceptor II (Build)	DPW											-			1,000,000		1,000,000
Leased Equipment	DPW						9,000					9,000		8,000	8,000	8,000	33,000
Paving and Utility Plan	DPW									497,500		497,500		500,750		286,000	1,284,250
Pedestrian Ways	DPW						47,750			52,250		100,000					100,000
Pickup Truck	DPW									15,000		15,000		15,000	15,000	15,000	60,000
Property Acquisition	DPW									350,000		350,000					350,000
Sidewalk Replace	DPW									100,000		100,000					100,000
Sinking Fund	DPW						3,000					3,000		3,000	3,000	3,000	12,000
Small Capital	DPW											-				2,500	2,500
Street Maintenance	DPW									150,000		150,000					150,000
Street Sweeper	DPW											-				30,000	30,000
Street Tree Planting	DPW									30,000		30,000					30,000
Tool Cat	DPW									93,500		93,500					93,500
Tower Paint (Holscher)	DPW											-		500,000			500,000
USH 51 Seg 7 (Build)	DPW									250,000		250,000					250,000
Outreach	Outreach											-					-
	Outreach											-					-
	Outreach											-					-
Comp - Workstation	Library											-					-
	Library						8,000					8,000					8,000
	Library											-					-
CP Phase 3 (Design)	Parks									50,000		50,000					50,000
Egner Park Facility (Build)	Parks									350,000		350,000		1,000,000			1,350,000
Lake Access Study	Parks									15,000		15,000					15,000
McF Park Ph 3.1 (Build)	Parks									425,000		425,000					425,000
Park Equipment	Parks											-	15,000				15,000
Playground (Cedar Ridge)	Parks											-	150,000				150,000
Property Acquisition	Parks											-					-
Siggelkow Trail (Build)	Parks								500,000	600,000		1,100,000					1,100,000
Comprehensive Plan	CD									50,000		50,000					50,000
Property Acquisition	CD											-					-
Small Capital	CD	2,000										-					2,000
Sinking Fund	CD						4,000					4,000					4,000
Total Projects		4,500	5,000	-	-	-	300,000	690,750	500,000	3,786,250	-	5,277,000	165,000	2,913,000	1,030,000	715,250	10,109,750

Capital Improvement Program

Village of McFarland

Prior Plan Approval/Inclusion Year:

2021

2022

2023

2024

2025

2026

2027

2028

Program Year: 2027

Funding by Project

Projects	Dept	General Fund 100	Comm/Tech Fund 200	TID #3 Fund 305	TID #4 Fund 310	TID #5 Fund 315	Capital Projects - Fund 400						Parks Fund 405	Utility - 600		Stormwater Fund 605	Total
							General	Grants	Intergov	Borrow	Reserve	Total		Water	Sewer		
Digital Records Mgmt	Admin						25,000					25,000					25,000
Equipment/Furniture	Admin	2,500										-					2,500
General Tech Equipment	Facilities									30,000		30,000					30,000
Land Acquisition	Facilities						40,000					40,000					40,000
Network Equip	Facilities						4,500					4,500		4,500	4,500	4,500	18,000
Sinking Fund	Facilities						100,000					100,000					100,000
Equipment Upgrade	C/T											-					-
	C/T		5,000									-					5,000
	C/T											-					-
Equipment	Police						15,000					15,000					15,000
Patrol Vehicles x 3	Police									200,000		200,000					200,000
Traffic Safety	Police						20,000					20,000					20,000
Car 1 Sinking Fund	Fire/EMS						10,000					10,000					10,000
CPR Compressors	Fire/EMS									55,500		55,500					55,500
EMS Equipment	Fire/EMS						5,000					5,000					5,000
Fire Equipment	Fire/EMS						38,500	750		4,500		43,750					43,750
Pumper/Engine	Fire/EMS									1,281,750		1,281,750					1,281,750
Technology	Fire/EMS						17,000					17,000					17,000
Facility (Plan)	DPW									100,000		100,000					100,000
Leased Equipment	DPW						9,000					9,000		8,000	8,000	8,000	33,000
Patrol Truck	DPW									82,500		82,500		82,500	82,500	82,500	330,000
Paving and Utility Plan	DPW			3,070,750						920,250		920,250		692,750			4,683,750
Pedestrian Ways	DPW									100,000		100,000					100,000
Pickup Truck	DPW						500			16,500		17,000		16,000	16,000	16,000	65,000
Sidewalk Replace	DPW									100,000		100,000					100,000
Sinking Fund	DPW						3,250					3,250		3,250	3,250	3,250	13,000
Small Capital	DPW											-				2,500	2,500
Street Maintenance	DPW									150,000		150,000					150,000
Street Sweeper	DPW											-				30,000	30,000
Street Tree Planting	DPW									30,000		30,000					30,000
Tractor	DPW									85,000		85,000					85,000
Well #3 (Design)	DPW											-		175,000			175,000
	Outreach											-					-
	Outreach											-					-
	Outreach											-					-
Comp - Workstation	Library											-					-
	Library						8,000					8,000					8,000
	Library											-					-
Aquatics (Design)	Parks									500,000		500,000					500,000
Bathroom (Design/Build)	Parks											-	170,000				170,000
CP Phase 3 (Build)	Parks									250,000		250,000	250,000				500,000
Lower Yahara (Design)	Parks									150,000		150,000					150,000
McF Park Ph 3.2 (Build)	Parks									425,000		425,000					425,000
Park Equipment	Parks											-	15,000				15,000
Property Acquisition	Parks											-					-
Comprehensie Plan	CD						25,000			25,000		50,000					50,000
Property Acquisition	CD											-					-
Small Capital	CD	2,000										-					2,000
Sinking Fund	CD						4,250					4,250					4,250
Total Projects		4,500	5,000	3,070,750	-	-	325,000	750	-	4,506,000	-	4,831,750	435,000	982,000	114,250	146,750	9,590,000

Capital Improvement Program

Village of McFarland

Prior Plan Approval/Inclusion Year:

2021

2022

2023

2024

2025

2026

2027

2028

Program Year: 2028

Funding by Project

Projects	Dept	General Fund 100	Comm/Tech Fund 200	TID #3 Fund 305	TID #4 Fund 310	TID #5 Fund 315	Capital Projects - Fund 400						Parks Fund 405	Utility - 600		Stormwater Fund 605	Total
							General	Grants	Intergov	Borrow	Reserve	Total		Water	Sewer		
Digital Records Mgmt	Admin	2,500					25,000					25,000					25,000
Equipment/Furniture	Admin						-					-					2,500
Voting Equipment	Admin									30,000		30,000					30,000
General Tech Equipment	Facilities						30,000					30,000					30,000
Land Acquisition	Facilities						40,000					40,000					40,000
Network Equip	Facilities						4,500					4,500		4,500	4,500	4,500	18,000
Sinking Fund	Facilities						100,000					100,000					100,000
Equipment Upgrade	C/T						-					-					-
	C/T		5,000				-					-					5,000
	C/T						-					-					-
Equipment	Police						15,000					15,000					15,000
Traffic Safety	Police						20,000					20,000					20,000
AED Machines	Fire/EMS									39,500		39,500					39,500
Brush Truck	Fire/EMS									90,000		90,000					90,000
Car 1 Sinking Fund	Fire/EMS						10,250					10,250					10,250
EMS Equipment	Fire/EMS						5,500					5,500					5,500
Fire Equipment	Fire/EMS						40,500			4,750		45,250					45,250
SCBA Replacements	Fire/EMS									375,000		375,000					375,000
Technology	Fire/EMS						18,750					18,750					18,750
Facility (Design)	DPW						-					-					-
Leased Equipment	DPW						9,000					9,000		8,000	8,000	8,000	33,000
Paving and Utility Plan	DPW			1,686,500						623,750		623,750		405,000			2,715,250
Pedestrian Ways	DPW									100,000		100,000					100,000
Pickup Truck	DPW						15,000					15,000		15,000	15,000	15,000	60,000
Sidewalk Replace	DPW									100,000		100,000					100,000
Sinking Fund	DPW						3,250					3,250		3,250	3,250	3,250	13,000
Small Capital	DPW											-				2,500	2,500
Street Maintenance	DPW									150,000		150,000					150,000
Street Sweeper	DPW											-				30,000	30,000
Street Tree Planting	DPW									30,000		30,000					30,000
USH 51 Seg 6 (Build)	DPW									1,750,000		1,750,000		204,500			1,954,500
Well #3 (Build)	DPW											-		1,325,000			1,325,000
Outreach	Outreach											-					-
	Outreach											-					-
	Outreach											-					-
Comp - Workstation	Library											-					-
	Library						8,000					8,000					8,000
	Library											-					-
Aquatics (Build)	Parks							6,000,000				6,000,000					6,000,000
Arnold Larson (Plan/Design)	Parks						1,000			74,000		75,000					75,000
Brandt Parking Lot (Design/Build)	Parks									250,000		250,000					250,000
Dredging (Design)	Parks									50,000		50,000					50,000
Lower Yahara (Build)	Parks									750,000		750,000	250,000				1,000,000
Park Equipment	Parks											-	15,000				15,000
Playground (???)	Parks											-	175,000				175,000
Property Acquisition	Parks											-					-
Downtown TID	CD									25,000		25,000					25,000
Property Acquisition	CD											-					-
Small Capital	CD	2,000										-					2,000
Sinking Fund	CD						4,250					4,250					4,250
Wayfinding Signage	CD									250,000		250,000					250,000
Total Projects		4,500	5,000	1,686,500	-	-	350,000	6,000,000	-	4,692,000	-	11,042,000	440,000	1,965,250	30,750	63,250	15,237,250

2023-2027 CAPITAL IMPROVEMENT PLAN (CIP)

Appendix A

Financial Analysis

Appendix B

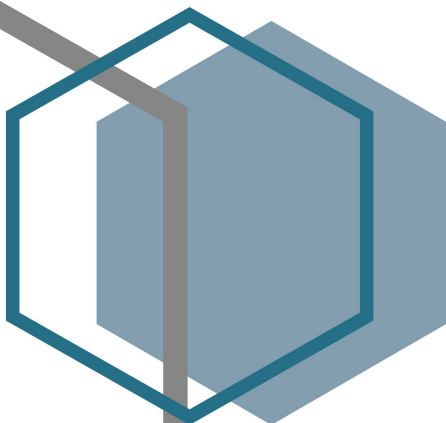
Project Summaries

Appendix C

Paving and Utility Plan 2023-2032

Appendix D

Park System Capital Improvements 2023 - 2032



**2023-2027
CAPITAL
IMPROVEMENT
PLAN (CIP)**

Appendix A

Financial
Analysis

Village of McFarland																					
2024 - 2028 Capital Improvement Program																					
Estimated Debt Service - Village Purposes Notes & Bonds - With Growth																					
Year Due	Existing Debt Service	2024 \$12,500,000 Bonds		2024 \$4,750,000 Notes		2025 \$12,500,000 Bonds		2025 \$4,930,000 Notes		2026 \$3,770,000 Notes		2027 \$4,505,000 Notes		2028 \$4,695,000 Notes		Combined Debt Service	Tax Rate	Est. Tax Rate Increase *	Est. Tax Increase ****	***	Year Due
		Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest					Percentage of Legal Debt Limit Used	
2023	3,374,967															3,374,967	\$2.47			59.72%	2023
2024	4,067,749															4,067,749	\$2.64	\$0.16	\$63.43	72.38%	2024
2025	3,910,869	425,000	693,562	100,000	220,781											5,350,212	\$3.27	\$0.63	\$247.87	84.26%	2025
2026	4,173,244	425,000	533,813	300,000	168,750	145,000	699,862		246,500							6,692,169	\$3.90	\$0.63	\$244.26	78.88%	2026
2027	4,021,628	475,000	513,562	400,000	155,625	475,000	545,288	425,000	188,700	200,000	196,031					7,595,834	\$4.25	\$0.36	\$139.02	79.43%	2027
2028	3,499,647	500,000	491,625	450,000	139,688	500,000	523,350	425,000	171,700	325,000	144,819	425,000	230,297			7,826,126	\$4.25	\$0.00	\$0.51	70.74%	2028
2029	3,400,822	525,000	468,563	500,000	121,875	525,000	500,287	450,000	154,200	325,000	131,006	425,000	164,369	120,000	246,872	8,057,994	\$4.29	\$0.04	\$15.68	62.96%	2029
2030	2,990,019	550,000	444,375	525,000	102,656	550,000	476,100	475,000	135,700	375,000	116,131	425,000	146,306	425,000	185,406	7,921,693	\$4.14	(\$0.16)	(\$60.68)	55.40%	2030
2031	2,506,869	625,000	417,937	550,000	82,500	575,000	450,788	525,000	115,700	400,000	99,663	450,000	127,712	450,000	166,813	7,542,982	\$3.86	(\$0.28)	(\$107.42)	48.38%	2031
2032	2,564,928	650,000	389,250	625,000	60,469	600,000	424,350	580,000	93,600	425,000	82,131	450,000	108,588	475,000	147,156	7,675,472	\$3.85	(\$0.01)	(\$3.60)	41.27%	2032
2033	2,199,325	650,000	360,000	650,000	36,562	625,000	396,787	675,000	68,500	425,000	64,069	450,000	89,463	500,000	126,438	7,316,144	\$3.60	(\$0.25)	(\$98.58)	34.56%	2033
2034	1,491,509	650,000	330,750	650,000	12,188	650,000	368,100	675,000	41,500	425,000	46,006	455,000	70,231	525,000	104,656	6,494,940	\$3.13	(\$0.47)	(\$182.33)	28.69%	2034
2035	1,466,469	650,000	301,500			675,000	338,287	700,000	14,000	425,000	27,944	475,000	50,469	550,000	81,813	5,755,482	\$2.72	(\$0.41)	(\$160.62)	23.57%	2035
2036	1,440,894	700,000	271,125			700,000	307,350			445,000	9,456	475,000	30,281	550,000	58,437	4,987,543	\$2.31	(\$0.41)	(\$159.95)	19.19%	2036
2037	1,415,319	700,000	239,625			720,000	275,400					475,000	10,094	550,000	35,063	4,420,501	\$2.01	(\$0.30)	(\$118.41)	15.37%	2037
2038	1,389,209	700,000	208,125			720,000	243,000							550,000	11,687	3,822,021	\$1.70	(\$0.31)	(\$119.59)	12.11%	2038
2039	1,362,031	700,000	176,625			720,000	210,600									3,169,256	\$1.38	(\$0.32)	(\$124.47)	9.51%	2039
2040	1,334,318	700,000	145,125			720,000	178,200									3,077,643	\$1.32	(\$0.07)	(\$25.94)	7.01%	2040
2041	1,306,606	700,000	113,625			720,000	145,800									2,986,031	\$1.25	(\$0.06)	(\$25.13)	4.60%	2041
2042	431,375	725,000	81,563			720,000	113,400									2,071,338	\$0.85	(\$0.40)	(\$156.73)	2.97%	2042
2043		725,000	48,937			720,000	81,000									1,574,937	\$0.64	(\$0.22)	(\$84.81)	1.75%	2043
2044		725,000	16,313			720,000	48,600									1,509,913	\$0.60	(\$0.04)	(\$14.92)	0.57%	2044
2045						720,000	16,200									736,200	\$0.29	(\$0.31)	(\$121.85)		2045
\$48,347,797		\$12,500,000	\$6,246,000	\$4,750,000	\$1,101,094	\$12,500,000	\$6,342,749	\$4,930,000	\$1,230,100	\$3,770,000	\$917,256	\$4,505,000	\$1,027,810	\$4,695,000	\$1,164,341	\$114,027,147		\$0.36	\$139.02		
Est. Int. Rate		4.50%		3.75%		4.50%		4.00%		4.25%		4.25%		4.25%				Average for 2024-2028 CIP			
* Based on Villages 2023 Est. Assessed Value -				\$1,543,697,303 **		\$1,364,907,000	22 Actual														
						\$1,543,697,303	23 Est.														
** Assuming growth at 6%, 5%, 4%, 3% and 2% thereafter						\$1,636,319,141															
						\$1,718,135,098															
*** Calculation based on All General Obligations, 5% of Equalized Value using same growth assumptions as above.						\$1,786,860,502															
						\$1,840,466,317															
						\$1,877,275,644															
**** Median Home Value				\$ 390,600		\$1,914,821,156															
5/30/2023																					

**2023-2027
CAPITAL
IMPROVEMENT
PLAN (CIP)**

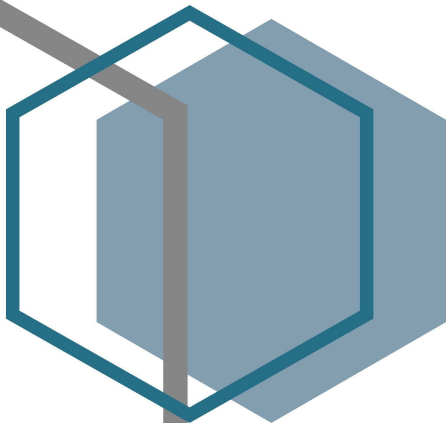
Appendix B

**Project
Summaries**

**2023-2027
CAPITAL
IMPROVEMENT
PLAN (CIP)**

Appendix C

Paving and
Utility Plan
2023-2032



- Notes:
- 1. Costs shown assumed entire scope described, and will need adjustment if scope is changed.
 - 2. PR= Pavement Rehabilitation, SSR= Storm Sewer Rehabilitation, PUR= Pavement and Utility Rehabilitation, WR= Water Main Replacement, W= New Watermain, RC= Rural Conversion
 - 3. Project costs assume that 35% of street replacement costs for projects that include water main replacement will be funded by the Water Utility.
 - 4. Project costs assume 25% curb replacement.
 - 5. Previous iterations of this document have been accepted by the Village Board. This is a living document and as such is continually updated as additional project details become known.
 - 6. All costs shown are in current date dollars. No inflation has been applied.

								PROJECT COSTS												
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm		Total	General Comments
2024	Exchange Street	Sleepy Hollow Road	Farwell St			5	PUR	\$2,101,300		\$164,000	\$1,039,700	\$390,700							\$3,695,700	Partially funded by STP-URBAN grant (\$1,177,000). Amounts represent Village expenditures. Not included in year total where noted.
2024	Larson St	Erling Ave	Termini	751	28	2	PUR	\$108,000			\$223,500								\$331,500	Pair with Glen
2024	Glen Rd	Larson St	Wisconsin Ave	850	21	3	PUR	\$94,200			\$322,100								\$416,300	Pair with Larson
2024	Badger St	Dale St	Farwell St	350	32	5	PUR	\$63,000			\$165,972								\$228,972	Pair with Dale St
2024	Dale St	Lexington St	Termini	850	32	4	PUR	\$122,241			\$286,755								\$408,996	Pair with Badger St
2024	Ivywood Trl	Terminal Dr	Termini	1170	36	4	PR	\$164,600											\$164,600	This project scope is for pulverize and overlay with some allowance for base repair. Partially funded by LRIP grant (\$20,500).
2024		Public Works Surface Asphalt				3	Parking Lot	\$146,700			\$20,000								\$166,700	Includes Filling Station
2024		Soccer	Curling Club	408	8	N/A	Path Resurfacing							\$33,800					\$33,800	
2024		Lewis Park Shelter	Marsh Woods Drive	521	10	N/A	Path Resurfacing							\$33,865					\$33,900	
2024	Various					N/A	Path Resurfacing							\$32,335					\$32,400	
2024	Various					N/A	Sidewalk Replacements							\$100,000					\$100,000	
2024	Off-Street					N/A	Lift Station 2 Replacement								\$2,000,000				\$2,000,000	The 2018 East Basin Utility Service Study identified Lift Station 2 as a future capacity restraint within the Village's existing sanitary system. Resonstruction of this station will be required to support continued expansion of the Village's existing sanitary sewer system to the east. If new development continues to occur at it's current pace, it is anticipated that critical capacity at this station could be reached by 2032. Updrages to this station should be done in conjunction with upgrades to the lift station 2 force main. Additionally, capacity improvments to the Village's existing Highland Drive Interceptor will be required to support capacity increases at the station.
2024	Off-Street					N/A	Well 5- Preliminary Design									\$200,000			\$200,000	The Village completed a Water System Needs Assessment in 2023. This study projected that water usage rates would require the construction of a new well and house in 2024-2026.
Year Total (Including Exchange Street)								\$2,800,041	\$0	\$164,000	\$2,058,027	\$390,700	\$0	\$200,000	\$2,000,000	\$200,000	\$0	\$7,812,868		
Year Total (Excludes Exchange Street)								\$698,741	\$0	\$0	\$1,018,327	\$0	\$0	\$200,000	\$2,000,000	\$200,000	\$0	\$4,117,168		

								PROJECT COSTS										General Comments		
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm		Total	
2025	McFarland Ct	Terminal Dr	Termini	634	32	4	PR	\$90,700											\$90,700	
2025	Lakeview Ave	Bremer Rd	Termini	686	22	3	PUR	\$99,295			\$286,953								\$386,300	
2025	Yahara Dr	USH 51	Rivercrest Dr	581	32	5	PR	\$90,100											\$90,100	
2025	Yahara Dr	Rivercrest Dr	Indian Mound Dr	422	32	5	PR	\$60,400											\$60,400	
2025	Siggelkow Rd	CTH AB / Siggelkow Rd plus 601 ft	Pierce Rd / Siggelkow Rd	676	20	5	PR	\$66,000											\$66,000	
2025	Severson Rd	Lake Edge Rd	Farwell St	650	32	5	PUR	\$101,250			\$116,109								\$217,400	
2025		Glenway	Running Deer	256	8	N/A	Path Resurfacing							\$21,200					\$21,200	
2025	Various					N/A	Path Resurfacing							\$78,800					\$78,800	
2025	Various					N/A	Sidewalk Replacements							\$100,000					\$100,000	
2025	Off-Street					N/A	Well 5- New Construction									\$2,300,000		\$2,300,000	The Village completed a Water System Needs Assessment in 2023. This study projected that water usage rates would require the construction of a new well and house in 2024-2026.	
2025	Off-Street					N/A	Stormwater Treatment Device Maintenance										\$350,000	\$350,000	As part of the Village's ongoing MS4 permit responsibilities, storm water management areas require regular investiagion and cleaning. This effort will involve dredging of accumulated sediment and removal of unwanted vegetation/woody growth.	
2025	Off-Street						Well 4 Rehabilitation- Preliminary Design									\$175,000		\$175,000	The wells were reviewed in 2019 with WNDR staff. Several items were identified during the inspection, including: the pumps need to be pulled and inspected, piping needs painting as a means of protection from sweating, entry point sample taps are needed, A/C as a means of climate and humidity control is perferred, separate checmical room needs to be constructed, the vent is undersized and needs to be replaced, and significant electrical upgrades are required. The scope of this project is to address all of these issues, replace most of the well house itself to provide room for a generator and working space, replace all corrodede electrical/controls, and remove the right-angle backup engine.	
Year Total								\$507,746	\$0	\$0	\$403,062	\$0	\$0	\$200,000	\$0	\$2,475,000	\$350,000	\$3,935,900		

								PROJECT COSTS										General Comments	
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm		Total
2026	Broadhead Street/CTH MN Phase 4B	North Peninsula Way	CTH AB	1958	36	6	RC	\$318,900			\$882,300	\$366,800						\$1,568,000	Partially paid for by Dane County. Amounts represent Village expenditures.
2026	Creamery/Elvehjem Road	Milwaukee Street	Country Walk Lane	2165	36	5	RC	\$497,400			\$500,600	\$286,000						\$1,284,000	
2026		Black Walnut Ct	Wild Cherry Ln	370	8	N/A	Path Resurfacing							\$30,600				\$30,600	
2026		Cedar Ridge Park	Gazebo Loop	604	8	N/A	Path Resurfacing							\$49,900				\$49,900	
2026	Various					N/A	Path Resurfacing							\$19,500				\$19,500	
2026	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
2026	Off-Street						Well 4 Rehabilitation									\$1,325,000		\$1,325,000	The wells were reviewed in 2019 with WNDR staff. Several items were identified during the inspection, including: the pumps need to be pulled and inspected, piping needs painting as a means of protection from sweating, entry point sample taps are needed, A/C as a means of climate and humidity control is preferred, separate checmical room needs to be constructed, the vent is undersized and needs to be replaced, and significant electrical upgrades are required. The scope of this project is to address all of these issues, replace most of the well house itself to provide room for a generator and working space, replace all corrodede electrical/controls, and remove the right-angle backup engine.
2026	Off-Street						Holscher Water Tower									\$500,000			An inspection of the tower was performed in June of 2020 by Lane Tank Company. The results of the inspection included maintenance and painting reccommendations with cost estimates. The total cost in this item includes addressing all maintenance and code items identified in the inspection as well as a full repainting of the interior and exterior of the tank. The exterior painting work would include provisions for full containment of overspray as well as the addition of a "McFarland" logo.
2027	Off-Street						Well 3 Rehabilitation									\$175,000		\$175,000	The wells were reviewed in 2019 with WNDR staff. Several items were identified during the inspection, including: the pumps need to be pulled and inspected, piping needs painting as a means of protection from sweating, entry point sample taps are needed, A/C as a means of climate and humidity control is preferred, separate checmical room needs to be constructed, the vent is undersized and needs to be replaced, and significant electrical upgrades are required. The scope of this project is to address these issues, replace all corroded electrical/controls, update the backup generator, and remove the right-angle backup engine.
Year Total								\$816,300	\$0	\$0	\$1,382,900	\$652,800	\$0	\$200,000	\$0	\$2,000,000	\$0	\$4,552,000	

								PROJECT COSTS										General Comments	
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm		Total
2027	South Ct	Burma Rd	Overlook Dr plus 600 ft	1200	18	3	PUR	\$186,842			\$395,155							\$582,000	This budget includes the addition of curb and gutter from Overlook Drive to the end
2027	South Ct	Overlook Dr plus 600 ft	Yahara Drive	550			W				\$137,500							\$137,500	Pair with South Ct PUR
2027	N Terminal Drive	Lift Station 4	USH 51	3500	32	5	RC		\$2,412,686				\$657,987					\$3,070,673	
2027	Marsh Rd	Red Oak Trl / Wellington Cir	Siggelkow Rd	739	44	5	PR	\$228,500										\$228,500	This estimate includes concrete pavement replacement at the intersection with Siggelkow
2027	Marsh Rd	Eighmy Rd	Red Oak Trl / Wellington Cir	2000	42	5	PR	\$361,900										\$361,900	
2027		Osborn Drive	Milwaukee St	640	8	N/A	Path Resurfacing							\$52,900				\$52,900	
2027	Various					N/A	Path Resurfacing							\$47,100				\$47,100	
2027	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
2027	Off-Street						Well 3 Rehabilitation									\$1,325,000		\$1,325,000	The wells were reviewed in 2019 with WNDR staff. Several items were identified during the inspection, including: the pumps need to be pulled and inspected, piping needs painting as a means of protection from sweating, entry point sample taps are needed, A/C as a means of climate and humidity control is preferred, separate checmical room needs to be constructed, the vent is undersized and needs to be replaced, and significant electrical upgrades are required. The scope of this project is to address these issues, replace all corroded electrical/controls, update the backup generator, and remove the right-angle backup engine.
Year Total								\$777,242	\$2,412,686	\$0	\$532,655	\$0	\$657,987	\$200,000	\$0	\$1,325,000	\$0	\$5,905,573	

								PROJECT COSTS											
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm		
2028	USH 51 WM Crossing	Dale Rd Xing & along USH 51					WR				\$204,500							\$204,500	Pair with Dale Curtian and Dale Rd
2028	Dale Curtian Rd	USH 51	Termini	600	32	5	PR	\$85,900										\$85,900	Pair with WM Crossing
2028	Dale Rd	Lake Edge Rd	USH 51	375	37	4	PUR	\$57,000			\$160,100							\$217,100	Pair with WM Crossing
2028	Triangle Street	Siggelkow Rd plus 2700 feet	Voges	2609	40	6	RC		\$1,267,300				\$419,100					\$1,686,400	This estimate amount includes the installation of a new path for the length of the entire project.
2028	Wisconsin Ave	Bremer Rd / Norma Rd	Termini	318	20	3	PUR	\$58,796			\$104,019							\$162,815	
2028	Field Ave	Erling Ave	Card Ave	650	42	4	PUR	\$117,700			\$183,801							\$301,501	
2028	Wild Flower Ct	Country Walk / Forest Ridge Ct	Termini	264	32	5	PR	\$37,800										\$37,800	
2028	Lake Edge Dr	South Ct	loop	400	35	6	PUR	\$48,413			\$117,245							\$165,658	
2028	Beckler	Card Ave	Erling Ave	264	26	5	PR	\$31,800										\$31,800	
2028	Bird Song Ct	Morning Dove Dr	Termini	158	32	5	PR	\$22,600										\$22,600	
2028	Morning Dove Dr	Hidden Farm Rd plus 422 ft	Country Walk / Spring Pond Ct	423	32	5	PR	\$60,500										\$60,500	
2028	Morning Dove Dr	Hidden Farm Rd	Bird Song Ct	320	32	5	PR	\$45,800										\$45,800	
2028	Burma Rd	Overlook Dr / South Ct	USH51	640	32	4	PR	\$91,600										\$91,600	
2028		Soccer Parking Lot				4	Parking Lot	\$108,600										\$108,600	
2028	Various					N/A	Path Resurfacing							\$100,000				\$100,000	
2028	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
Year Total								\$766,509	\$1,267,300	\$0	\$769,665	\$0	\$419,100	\$200,000	\$0	\$0	\$0	\$3,422,575	
2029	Creamery/Elvehjem Road	Country Walk	CTH AB	7132	36	5	RC	\$800,494			\$635,553	\$530,179						\$1,966,300	
2029	Various					N/A	Path Resurfacing							\$100,000				\$100,000	
2029	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
Year Total								\$800,494	\$0	\$0	\$635,553	\$530,179	\$0	\$200,000	\$0	\$0	\$0	\$2,166,300	
2030	Black Walnut Dr	Wild Cherry Ln	Smith Ridge Rd	1267	36	6	PR	\$200,500										\$200,500	
2030	Black Walnut Dr	Smith Ridge Rd	Siggelkow Rd / Carncross Dr	1900	36	6	PR	\$300,600										\$300,600	
2030	Black Walnut Dr	Black Walnut Ct / Leanne Ln plus 316 ft	Wild Cherry Ln	106	36	5	PR	\$16,800										\$16,800	
2030	Various					N/A	Path Resurfacing							\$100,000				\$100,000	
2030	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
2030	Off-Street						Lift Station 2 Force Main								\$450,000			\$450,000	The Lift Station #2 Force Main is approaching 40 years of age and is a cast iron force main. Capacity improvments to this force main will need to be constructed in coordination with any reconstruction and capacity increases of lift station 2.
Year Total								\$517,900	\$0	\$0	\$0	\$0	\$0	\$200,000	\$450,000	\$0	\$0	\$1,167,900	

								PROJECT COSTS											General Comments
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm	Total	
2031	N Bremer Road	Erling Ave	Bellevue Ct	1000	32	6	PUR	\$184,584			\$385,082							\$569,700	
2031	Ahren Ln	Meredith Way	Exchange St	528	32	7	PR	\$75,600										\$75,600	
2031	S Bremer Road	Larson Beach Rd plus 200 ft	Bellevue Ct	1200	32	7	PUR	\$234,231			\$642,200							\$876,500	
2031	Brendan Ct	Termini	Meredith Way	211	32	7	PR	\$30,200										\$30,200	
2031	Cardinal Dr	Curtis St	Sauk Ln	739	36	6	PR	\$116,900										\$116,900	
2031	Calico Ct	Marsh Rd / Calico Dr	Termini	580	32	5	PR	\$83,000										\$83,000	
2031	Various					N/A	Path Resurfacing							\$100,000				\$100,000	
2031	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
							Year Total	\$724,515	\$0	\$0	\$1,027,282	\$0	\$0	\$200,000				\$1,951,900	
2032	Valley Drive	Siggelkow Road	Ridge Road	2600	42	6	p	\$843,406										\$843,500	Includes new sidewalk, one side. Sidewalk is not in capital improvement plan.
2032	Various					N/A	Path Resurfacing							\$100,000				\$100,000	
2032	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
							Year Total	\$843,406	\$0	\$0	\$0	\$0	\$0	\$200,000				\$1,043,500	
2033	Overlook Dr	Burma Rd / South Ct	South Ct	1373	18	8	PUR	\$181,072			\$444,533							\$625,700	
2033	Erling Ave	Bremer Rd	Terminal Dr	700	36	8	PUR	\$89,100			\$200,000							\$289,100	
2033	Norma Rd	Termini	Bremer Rd / Wisconsin Ave	898	36	8	PUR	\$130,100			\$363,600							\$493,700	
2033	Renee Ct	Lewis Lane	Exchange St	1676	32	4	PUR	\$238,359			\$492,896							\$731,300	
2033	Various					N/A	Path Resurfacing							\$100,000				\$100,000	
2033	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
							Year Total	\$638,631	\$0	\$0	\$1,501,029	\$0	\$0	\$200,000				\$2,339,800	

								PROJECT COSTS											General Comments
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm	Total	
2034	Main St	Eighmy Rd	Broadhead St	1000	32	5	PUR	\$229,377			\$489,479							\$718,900	
2034	Sighting Road	Johnson St	Marsh Woods Drive	720	32	4	PUR	\$106,501			\$235,714							\$342,300	
2034	Everglade Ct	Termini	Marsh Woods Drive	142	38	4	PR	\$23,600										\$23,600	
2034	Forest Lawn Cir	Summer Trail Rd	Termini	463	36	4	PUR	\$106,501			\$235,714							\$342,300	
2034	Hough St	Main St	Milwaukee St	397	32	4	PR	\$56,800										\$56,800	
2034	Hillside Ct	Termini	Pheasant Run	196	36	4	PUR	\$40,339			\$99,417							\$139,800	
2034	Jager Rd	Termini	Exchange Street	670	16	4	PUR	\$54,403			\$103,761							\$158,200	
2034	Various					N/A	Path Resurfacing							\$100,000				\$100,000	
2034	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
Year Total								\$617,521	\$0	\$0	\$1,164,086	\$0	\$0	\$200,000				\$1,981,900	
2035	Broadhead Street/(Wisconsin St	Main St		376	38	9	PUR	\$69,364			\$137,262							\$206,700	
2035	Leanne Ln	Scott St	Broadhead St	782	32	7	PUR	\$117,651			\$260,199							\$377,900	
2035	Rivercrest Dr	Burma Rd	Yahara Drive	1200	28	4	PR	\$153,400										\$153,400	
2035	Various					N/A	Path Resurfacing							\$100,000				\$100,000	
2035	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
Year Total								\$340,415	\$0	\$0	\$397,461	\$0	\$0	\$200,000				\$938,000	
TOTAL FOR YEARS 1-12 (Excludes Exchange Street)								\$8,049,419	\$3,679,986	\$0	\$8,832,020	\$1,182,979	\$1,077,087	\$2,400,000				\$33,522,516	
TOTAL FOR YEARS 1-12 (Includes Exchange Street)								\$10,150,719	\$3,679,986	\$164,000	\$9,871,720	\$1,573,679	\$1,077,087	\$2,400,000				\$37,218,216	

Notes:
1. Costs shown assumed entire scope described, and will need adjustment if scope is changed.
2. PR= Pavement Rehabilitation, SSR= Storm Sewer Rehabilitation, PUR= Pavement and Utility Rehabilitation, WR= Water Main Replacement, W= New Watermain, RC= Rural Conversion
3. Project costs assume that 35% of street replacement costs for projects that include water main replacement will be funded by the Water Utility.
4. Project costs assume 25% curb replacement.
5. Previous iterations of this document have been accepted by the Village Board. This is a living document and as such is continually updated as additional project details become known.
6. All costs shown are in current date dollars. No inflation has been applied.

								PROJECT COSTS										General Comments	
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm		Total
2024	Exchange Street	Sleepy Hollow Road	Farwell St			5	PUR	\$2,101,300		\$164,000	\$1,039,700	\$390,700						\$3,695,700	Partially funded by STP-URBAN grant (\$1,177,000). Amounts represent Village expenditures. Not included in year total where noted.
2024	Ivywood Trl	Terminal Dr	Termini	1170	36	4	PR	\$164,600										\$164,600	This project scope is for pulverize and overlay with some allowance for base repair. Partially funded by LRIP grant (\$20,500).
2024		Public Works Surface Asphalt				3	Parking Lot	\$146,700			\$20,000							\$166,700	Includes Filling Station
2024		Soccer	Curling Club	408	8	N/A	Path Resurfacing							\$33,800				\$33,800	
2024		Lewis Park Shelter	Marsh Woods Drive	521	10	N/A	Path Resurfacing							\$33,865				\$33,900	
2024	Various					N/A	Path Resurfacing							\$32,335				\$32,400	
2024	Various					N/A	Sidewalk Replacements							\$100,000				\$100,000	
2024	Off-Street					N/A	Lift Station 2 Replacement								\$2,000,000			\$2,000,000	The 2018 East Basin Utility Service Study identified Lift Station 2 as a future capacity restraint within the Village's existing sanitary system. Resonctruction of this station will be required to support continued expansion of the Village's existing sanitary sewer system to the east. If new development continues to occur at it's current pace, it is anticipated that critical capacity at this station could be reached by 2032. Updrages to this station should be done in conjunction with upgrades to the lift station 2 force main. Additionally, capacity improvments to the Village's existing Highland Drive Interceptor will be required to support capacity increases at the station.
2024	Off-Street					N/A	Well 5- Preliminary Design									\$200,000		\$200,000	The Village completed a Water System Needs Assessment in 2023. This study projected that water usage rates would require the construction of a new well and house in 2024-2026.
Year Total (Including Exchange Street)								\$2,412,600	\$0	\$164,000	\$1,059,700	\$390,700	\$0	\$200,000	\$2,000,000	\$200,000	\$0	\$6,427,100	
Year Total (Excludes Exchange Street)								\$311,300	\$0	\$0	\$20,000	\$0	\$0	\$200,000	\$2,000,000	\$200,000	\$0	\$2,731,400	

									PROJECT COSTS										General Comments	
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm	Total		
2	2025	Larson St	Erling Ave	Termini	751	28	2	PUR	\$108,000			\$223,500							\$331,500	Pair with Glen
2	2025	Glen Rd	Larson St	Wisconsin Ave	850	21	3	PUR	\$94,200			\$322,100							\$416,300	Pair with Larson
2	2025	Badger St	Dale St	Farwell St	350	32	5	PUR	\$63,000			\$165,972							\$228,972	Pair with Dale St
2	2025	Dale St	Lexington St	Termini	850	32	4	PUR	\$122,241			\$286,755							\$408,996	Pair with Badger St
2	2025	McFarland Ct	Terminal Dr	Termini	634	32	4	PR	\$90,700										\$90,700	
2	2025	Lakeview Ave	Bremer Rd	Termini	686	22	3	PUR	\$99,295			\$286,953							\$386,300	
2	2025	Yahara Dr	USH 51	Rivercrest Dr	581	32	5	PR	\$90,100										\$90,100	
2	2025	Yahara Dr	Rivercrest Dr	Indian Mound Dr	422	32	5	PR	\$60,400										\$60,400	
2	2025	Siggelkow Rd	CTH AB / Siggelkow Rd plus 601 ft	Pierce Rd / Siggelkow Rd	676	20	5	PR	\$66,000										\$66,000	
2	2025	Severson Rd	Lake Edge Rd	Farwell St	650	32	5	PUR	\$101,250			\$116,109							\$217,400	
2	2025		Glenway	Running Deer	256	8	N/A	Path Resurfacing						\$21,200					\$21,200	
2	2025	Various				N/A	Path Resurfacing							\$78,800					\$78,800	
2	2025	Various				N/A	Sidewalk Replacements							\$100,000					\$100,000	
2	2025	Off-Street				N/A	Well 5- New Construction									\$2,300,000		\$2,300,000	The Village completed a Water System Needs Assessment in 2023. This study projected that water usage rates would require the construction of a new well and house in 2024-2026.	
2	2025	Off-Street				N/A	Stormwater Treatment Device Maintenance										\$350,000	\$350,000	As part of the Village's ongoing MS4 permit responsibilities, storm water management areas require regular investiagion and cleaning. This effort will involve dredging of accumulated sediment and removal of unwanted vegetation/woody growth.	
2	2025	Off-Street					Well 4 Rehabilitation-Preliminary Design									\$175,000		\$175,000	The wells were reviewed in 2019 with WNDR staff. Several items were identified during the inspection, including: the pumps need to be pulled and inspected, piping needs painting as a means of protection from sweating, entry point sample taps are needed, A/C as a means of climate and humidity control is perferred, separate checmical room needs to be constructed, the vent is undersized and needs to be replaced, and significant electrical upgrades are required. The scope of this project is to address all of these issues, replace most of the well house itself to provide room for a generator and working space, replace all corrodede electrical/controls, and remove the right-angle backup engine.	
Year Total									\$895,187	\$0	\$0	\$1,401,389	\$0	\$0	\$200,000	\$0	\$2,475,000	\$350,000	\$5,321,668	

									PROJECT COSTS										General Comments
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm	Total	
3	2026	Broadhead Street/CTH MN Phase 4B	North Peninsula Way	CTH AB	1958	36	6	RC	\$318,900		\$882,300	\$366,800						\$1,568,000	Partially paid for by Dane County. Amounts represent Village expenditures.
3	2026	Creamery/Elvehjem Road	Milwaukee Street	Country Walk Lane	2165	36	5	RC	\$497,400		\$500,600	\$286,000						\$1,284,000	
3	2026		Black Walnut Ct	Wild Cherry Ln	370	8	N/A	Path Resurfacing						\$30,600				\$30,600	
3	2026		Cedar Ridge Park	Gazebo Loop	604	8	N/A	Path Resurfacing						\$49,900				\$49,900	
3	2026	Various				N/A	Path Resurfacing							\$19,500				\$19,500	
3	2026	Various				N/A	Sidewalk Replacements							\$100,000				\$100,000	
3	2026	Off-Street					Well 4 Rehabilitation									\$1,325,000		\$1,325,000	The wells were reviewed in 2019 with WNDR staff. Several items were identified during the inspection, including: the pumps need to be pulled and inspected, piping needs painting as a means of protection from sweating, entry point sample taps are needed, A/C as a means of climate and humidity control is preferred, separate chemical room needs to be constructed, the vent is undersized and needs to be replaced, and significant electrical upgrades are required. The scope of this project is to address all of these issues, replace most of the well house itself to provide room for a generator and working space, replace all corroded electrical/controls, and remove the right-angle backup engine.
3	2026	Off-Street					Holscher Water Tower									\$500,000			An inspection of the tower was performed in June of 2020 by Lane Tank Company. The results of the inspection included maintenance and painting recommendations with cost estimates. The total cost in this item includes addressing all maintenance and code items identified in the inspection as well as a full repainting of the interior and exterior of the tank. The exterior painting work would include provisions for full containment of overspray as well as the addition of a "McFarland" logo.
4	2027	Off-Street					Well 3 Rehabilitation									\$175,000		\$175,000	The wells were reviewed in 2019 with WNDR staff. Several items were identified during the inspection, including: the pumps need to be pulled and inspected, piping needs painting as a means of protection from sweating, entry point sample taps are needed, A/C as a means of climate and humidity control is preferred, separate chemical room needs to be constructed, the vent is undersized and needs to be replaced, and significant electrical upgrades are required. The scope of this project is to address these issues, replace all corroded electrical/controls, update the backup generator, and remove the right-angle backup engine.
Year Total									\$816,300	\$0	\$0	\$1,382,900	\$652,800	\$0	\$200,000	\$0	\$2,000,000	\$0	\$4,552,000

									PROJECT COSTS											General Comments
Year	Street	From	To	Length	Width	Pvmt Rating	Action		Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm	Total	
4	2027	South Ct	Burma Rd	Overlook Dr plus 600 ft	1200	18	3	PUR	\$186,842			\$395,155							\$582,000	This budget inlcudes the addition of curb and gutter from Overlook Drive to the end
4	2027	South Ct	Overlook Dr plus 600 ft	Yahara Drive	550		W					\$137,500							\$137,500	Pair with South Ct PUR
4	2027	N Terminal Drive	Lift Station 4	USH 51	3500	32	5	RC		\$2,412,686				\$657,987					\$3,070,673	
4	2027	Marsh Rd	Red Oak Trl / Wellington Cir	Siggelkow Rd	739	44	5	PR	\$228,500										\$228,500	This estimate includes concrete pavement replacement at the intersection with Siggelkow
4	2027	Marsh Rd	Eighmy Rd	Red Oak Trl / Wellington Cir	2000	42	5	PR	\$361,900										\$361,900	
4	2027		Osborn Drive	Milwaukee St	640	8	N/A	Path Resurfacing							\$52,900				\$52,900	
4	2027	Various				N/A	Path Resurfacing								\$47,100				\$47,100	
4	2027	Various				N/A	Sidewalk Replacements								\$100,000				\$100,000	
4	2027	Off-Street					Well 3 Rehabilitation										\$1,325,000		\$1,325,000	The wells were reviewed in 2019 with WNDR staff. Several items were identified during the inspection, including: the pumps need to be pulled and inspected, piping needs painting as a means of protection from sweating, entry point sample taps are needed, A/C as a means of climate and humidity control is preferred, separate checmical room needs to be constructed, the vent is undersized and needs to be replaced, and significant electrical upgrades are required. The scope of this project is to address these issues, replace all corroded electrical/controls, update the backup generator, and remove the right-angle backup engine.
Year Total									\$777,242	\$2,412,686	\$0	\$532,655	\$0	\$657,987	\$200,000	\$0	\$1,325,000	\$0	\$5,905,573	

								PROJECT COSTS											General Comments
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm	Total	
5	2028	USH 51 WM Crossing	Dale Rd Xing & along USH 51				WR				\$204,500							\$204,500	Pair with Dale Curtian and Dale Rd
5	2028	Dale Curtian Rd	USH 51	Termini	600	32	5	PR	\$85,900									\$85,900	Pair with WM Crossing
5	2028	Dale Rd	Lake Edge Rd	USH 51	375	37	4	PUR	\$57,000		\$160,100							\$217,100	Pair with WM Crossing
5	2028	Triangle Street	Siggelkow Rd plus 2700 feet	Voges	2609	40	6	RC		\$1,267,300			\$419,100					\$1,686,400	This estimate amount includes the installation of a new path for the length of the entire project.
5	2028	Wisconsin Ave	Bremer Rd / Norma Rd	Termini	318	20	3	PUR	\$58,796		\$104,019							\$162,815	
5	2028	Field Ave	Erling Ave	Card Ave	650	42	4	PUR	\$117,700		\$183,801							\$301,501	
5	2028	Wild Flower Ct	Country Walk / Forest Ridge Ct	Termini	264	32	5	PR	\$37,800									\$37,800	
5	2028	Lake Edge Dr	South Ct	loop	400	35	6	PUR	\$48,413		\$117,245							\$165,658	
5	2028	Beckler	Card Ave	Erling Ave	264	26	5	PR	\$31,800									\$31,800	
5	2028	Bird Song Ct	Morning Dove Dr	Termini	158	32	5	PR	\$22,600									\$22,600	
5	2028	Morning Dove Dr	Hidden Farm Rd plus 422 ft	Country Walk / Spring Pond Ct	423	32	5	PR	\$60,500									\$60,500	
5	2028	Morning Dove Dr	Hidden Farm Rd	Bird Song Ct	320	32	5	PR	\$45,800									\$45,800	
5	2028	Burma Rd	Overlook Dr / South Ct	USH51	640	32	4	PR	\$91,600									\$91,600	
5	2028		Soccer Parking Lot			4	Parking Lot	\$108,600										\$108,600	
5	2028	Various				N/A	Path Resurfacing							\$100,000				\$100,000	
5	2028	Various				N/A	Sidewalk Replacements							\$100,000				\$100,000	
Year Total								\$766,509	\$1,267,300	\$0	\$769,665	\$0	\$419,100	\$200,000	\$0	\$0	\$0	\$3,422,575	
6	2029	Creamery/Elvehjem Road	Country Walk	CTH AB	7132	36	5	RC	\$800,494		\$635,553	\$530,179						\$1,966,300	
6	2029	Various				N/A	Path Resurfacing							\$100,000				\$100,000	
6	2029	Various				N/A	Sidewalk Replacements							\$100,000				\$100,000	
Year Total								\$800,494	\$0	\$0	\$635,553	\$530,179	\$0	\$200,000	\$0	\$0	\$0	\$2,166,300	
7	2030	Black Walnut Dr	Wild Cherry Ln	Smith Ridge Rd	1267	36	6	PR	\$200,500									\$200,500	
7	2030	Black Walnut Dr	Smith Ridge Rd	Siggelkow Rd / Camcross Dr	1900	36	6	PR	\$300,600									\$300,600	
7	2030	Black Walnut Dr	Black Walnut Ct / Leanne Ln plus 316 ft	Wild Cherry Ln	106	36	5	PR	\$16,800									\$16,800	
7	2030	Various				N/A	Path Resurfacing							\$100,000				\$100,000	
7	2030	Various				N/A	Sidewalk Replacements							\$100,000				\$100,000	
7	2030	Off-Street					Lift Station 2 Force Main								\$450,000			\$450,000	The Lift Station #2 Force Main is approaching 40 years of age and is a cast iron force main. Capacity improvments to this force main will need to be constructed in coordination with any reconstruction and capacity increases of lift station 2.
Year Total								\$517,900	\$0	\$0	\$0	\$0	\$0	\$200,000	\$450,000	\$0	\$0	\$1,167,900	

								PROJECT COSTS											General Comments
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm	Total	
8	2031	N Bremer Road	Erling Ave	Bellevue Ct	1000	32	6	PUR	\$184,584			\$385,082						\$569,700	
8	2031	Ahren Ln	Meredith Way	Exchange St	528	32	7	PR	\$75,600									\$75,600	
8	2031	S Bremer Road	Larson Beach Rd plus 200 ft	Bellevue Ct	1200	32	7	PUR	\$234,231			\$642,200						\$876,500	
8	2031	Brendan Ct	Termini	Meredith Way	211	32	7	PR	\$30,200									\$30,200	
8	2031	Cardinal Dr	Curtis St	Sauk Ln	739	36	6	PR	\$116,900									\$116,900	
8	2031	Calico Ct	Marsh Rd / Calico Dr	Termini	580	32	5	PR	\$83,000									\$83,000	
8	2031	Various				N/A	Path Resurfacing							\$100,000				\$100,000	
8	2031	Various				N/A	Sidewalk Replacements							\$100,000				\$100,000	
Year Total								\$724,515	\$0	\$0	\$1,027,282	\$0	\$0	\$200,000				\$1,951,900	
9	2032	Valley Drive	Siggelkow Road	Ridge Road	2600	42	6	p	\$843,406									\$843,500	Includes new sidewalk, one side. Sidewalk is not in capital improvement plan.
9	2032	Various				N/A	Path Resurfacing							\$100,000				\$100,000	
9	2032	Various				N/A	Sidewalk Replacements							\$100,000				\$100,000	
Year Total								\$843,406	\$0	\$0	\$0	\$0	\$0	\$200,000				\$1,043,500	
10	2033	Overlook Dr	Burma Rd / South Ct	South Ct	1373	18	8	PUR	\$181,072			\$444,533						\$625,700	
10	2033	Erling Ave	Bremer Rd	Terminal Dr	700	36	8	PUR	\$89,100			\$200,000						\$289,100	
10	2033	Norma Rd	Termini	Bremer Rd / Wisconsin Ave	898	36	8	PUR	\$130,100			\$363,600						\$493,700	
10	2033	Renee Ct	Lewis Lane	Exchange St	1676	32	4	PUR	\$238,359			\$492,896						\$731,300	
10	2033	Various				N/A	Path Resurfacing							\$100,000				\$100,000	
10	2033	Various				N/A	Sidewalk Replacements							\$100,000				\$100,000	
Year Total								\$638,631	\$0	\$0	\$1,501,029	\$0	\$0	\$200,000				\$2,339,800	

								PROJECT COSTS											General Comments
Year	Street	From	To	Length	Width	Pvmt Rating	Action	Street	TIF/TID Street	Sewer Utility	Water Utility	Storm Utility	TIF/TID Non-Street	Pedestrian	Off-Street Sewer	Off-Street Water	Off-Street Storm	Total	
11	2034	Main St	Eighmy Rd	Broadhead St	1000	32	5	PUR	\$229,377		\$489,479							\$718,900	
11	2034	Sighting Road	Johnson St	Marsh Woods Drive	720	32	4	PUR	\$106,501		\$235,714							\$342,300	
11	2034	Everglade Ct	Termini	Marsh Woods Drive	142	38	4	PR	\$23,600									\$23,600	
11	2034	Forest Lawn Cir	Summer Trail Rd	Termini	463	36	4	PUR	\$106,501		\$235,714							\$342,300	
11	2034	Hough St	Main St	Milwaukee St	397	32	4	PR	\$56,800									\$56,800	
11	2034	Hillside Ct	Termini	Pheasant Run	196	36	4	PUR	\$40,339		\$99,417							\$139,800	
11	2034	Jager Rd	Termini	Exchange Street	670	16	4	PUR	\$54,403		\$103,761							\$158,200	
11	2034	Various				N/A	Path Resurfacing							\$100,000				\$100,000	
11	2034	Various				N/A	Sidewalk Replacements							\$100,000				\$100,000	
							Year Total	\$617,521	\$0	\$0	\$1,164,086	\$0	\$0	\$200,000				\$1,981,900	
12	2035	Broadhead Street/(Wisconsin St	Main St	376	38	9	PUR	\$69,364			\$137,262							\$206,700	
12	2035	Leanne Ln	Scott St	Broadhead St	782	32	7	PUR	\$117,651		\$260,199							\$377,900	
12	2035	Rivercrest Dr	Burma Rd	Yahara Drive	1200	28	4	PR	\$153,400									\$153,400	
12	2035	Various				N/A	Path Resurfacing							\$100,000				\$100,000	
12	2035	Various				N/A	Sidewalk Replacements							\$100,000				\$100,000	
							Year Total	\$340,415	\$0	\$0	\$397,461	\$0	\$0	\$200,000				\$938,000	
TOTAL FOR YEARS 1-12 (Excludes Exchange Street)								\$8,049,419	\$3,679,986	\$0	\$8,832,020	\$1,182,979	\$1,077,087	\$2,400,000				\$33,522,516	
TOTAL FOR YEARS 1-12 (Includes Exchange Street)								\$10,150,719	\$3,679,986	\$164,000	\$9,871,720	\$1,573,679	\$1,077,087	\$2,400,000				\$37,218,216	