



Board of Public Works

Regular Meeting

335 South Broadway
De Pere, WI 54115
<https://www.deperewi.gov/>

Revised Agenda

Monday, July 10, 2023

7:30 PM

Council Chambers and Virtual

Pursuant to Wisconsin Statute 19.84, Notice is hereby given to the public that a meeting of the **Board of Public Works** of the City of De Pere will be held on **July 10, 2023 at 7:30 PM** in the **COUNCIL CHAMBERS, 2ND FLOOR CITY HALL, 335 S. BROADWAY STREET, DE PERE.**

The public may attend the meeting either in person in the Council Chambers or electronically/telephonically. Electronic or telephonic access to the meeting is provided below:

Computer/smart phone accessing <https://www.gotomeet.me/DePere>

OR

You can also dial in using your phone.

United States (Toll Free): [1 866 899 4679](tel:18668994679)

United States: [+1 \(312\) 757-3117](tel:+13127573117)

Access Code: 154-883-285

This meeting may also be rebroadcast on Spectrum Cable Channel 4 and AT&T U-verse Channel 99 throughout the week and available on demand at <http://depercitywi.igmp2.com/>.

I. Call to Order

1. Roll Call

II. Public comment upon matters not on the agenda. Comments made during the public comment period shall pertain only to matters under the jurisdiction of the Board of Public Works. Section 6-3(f) DPMC

III. Items

1. Approval of the June 12, 2023 Board of Public Works Meeting Minutes
2. Discussion on Foundation Drain Disconnection Program

IV. Future Agenda Items

V. Adjournment

***Items with an asterisk require City Council approval.**

Any person wishing to attend this meeting who, because of disability, requires special accommodations should contact the Clerk-Treasurer's office at 339-4050 by Noon, Monday, July 10, 2023 so that arrangements can be made.

Agenda Sent To:

MAYOR

ALDERPERSONS

DEPARTMENT HEADS

DEFINITELY DE PERE

DE PERE CHAMBER OF COMMERCE

TV, NEWSPAPERS & RADIO

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City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE: July 10, 2023

DEPARTMENT: Board of Public Works

FROM: Betty Sellenheim

SUBJECT: Approval of the June 12, 2023 Board of Public Works Meeting Minutes

ATTACHMENTS:

- 2023 0612 BOPW_Draft Minutes (PDF)



Board of Public Works

Regular Meeting

335 South Broadway
De Pere, WI 54115
<https://www.deperewi.gov/>

Draft Minutes

Monday, June 12, 2023

7:30 PM

Council Chambers and Virtual

I. Call to Order

The meeting was called to order at 7:30 PM by Mayor James Boyd

Attendee Name	Title	Status	Arrived
James Boyd	Mayor	Present	
Dan Carpenter	Aldersperson	Present	
Jonathon Hansen	Aldersperson	Present	
Shana Defnet Ledvina	Aldersperson	Present	
Dean Raasch	Aldersperson	Present	

Eric Rakers, City Engineer
Thomas Blohowiak, Maintenance Supervisor
Larry Delo, City Administrator
Pamela Manley, Finance Director (Remote)
Betty Sellenheim, Recording Secretary
Jared and Kayley Goffard, 1964 N. Cross Creek Cir

II. Public comment upon matters not on the agenda. Comments made during the public comment period shall pertain only to matters under the jurisdiction of the Board of Public Works. Section 6-3(f) DPMC

None

III. Items

1. Approval of the May 8, 2023 Board of Public Works Meeting Minutes

Aldersperson Carpenter moved to approve the May 8, 2023 Board of Public Works Meeting Minutes, seconded by Aldersperson Raasch. Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dan Carpenter, Aldersperson
SECONDER:	Dean Raasch, Aldersperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

2. Consideration and possible action on Election of Vice Chairperson

Aldersperson Hansen nominated Aldersperson Raasch as vice chairperson, seconded by Aldersperson Carpenter. Upon vote, the motion passed with a 4-0 vote with Aldersperson Raasch abstaining.

RESULT:	ADOPTED [4 TO 0]
MOVER:	Jonathon Hansen, Aldersperson
SECONDER:	Dan Carpenter, Aldersperson
AYES:	James Boyd, Dan Carpenter, Jonathon Hansen, Shana Defnet Ledvina
ABSTAIN:	Dean Raasch

3. Consider and Possible Action Regarding Carriage Walk Request for 308 S. Superior Street

Eric Rakers, City Engineer, outlined the request from the property owners, Craig and Courtney Smith, to install a carriage walk on their property at 308 S. Superior Street. Mr. Rakers explained that a carriage walk is a section of sidewalk in the right-of-way/terrace that connects City sidewalk to the curb/street.

Alderson Carpenter moved to approve the carriage walk request for 308 S. Superior Street, seconded by Alderson Ledvina.

Alderson Raasch asked for additional clarification regarding location and description of a carriage walk. Mr. Rakers further explained that a carriage walk is a specific name used for the sidewalk in the right-of-way. Alderson Hansen noted that the property owners were in attendance if there were questions for them.

Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dan Carpenter, Alderson
SECONDER:	Shana Defnet Ledvina, Alderson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

4. Consider and Possible Action Regarding Installation of Fence for Parcel WD – 1540*

Eric Rakers, City Engineer, outlined the request from the property owners, Jared and Kayley Goffard, to install 111 feet of fence on Parcel WD-1540. Mr. Rakers explained the Board needed to approve the installation because the parcel is zoned conservancy. Mr. Rakers stated the fence would not impact drainage or maintenance of the City owned pond.

Mayor Boyd moved to approve the installation of fence for Parcel WD-1540, seconded by Alderson Raasch.

Alderson Ledvina asked for clarification of the location of the proposed fence according to the map included in the packet. Mr. Rakers explained the blue highlighted line indicated the fence on Parcel WD-1540 along the backside of the neighbors property. Alderson Ledvina asked if fence was proposed along any other portions of the parcel. Mr. Rakers explained the other abutting properties are primarily city-owned.

Alderson Carpenter moved to open the meeting at 7:38 PM, seconded Alderson Raasch. Upon vote, the motion passed unanimously.

Alderson Raasch asked if fence was being installed along the other abutting property, WD-1515. Jared and Kayley Goffard, 1964 N. Cross Creek Cir, explained the proposed fence is only being installed along WD-1514 to allow them to utilize the property they own and have their dogs remain safe. Mr. Goffard stated they currently have an invisible fence along their property (WD-1515). Alderson Ledvina asked if the neighbors were aware of the proposed fence installation. Mr. Goffard stated they were aware. Alderson Ledvina asked if the neighbors were okay with the fence installation. Mr. Goffard stated the neighbors asked to have their privacy respected in regards to the Goffard family dogs and the proposed fence is the solution. Mrs. Goffard further explained the situation and stated the fence was a recommendation from the police department. Mayor Boyd asked for clarification whether WD-1514 was the only

proposed fence location. Mr. Goffard stated it is the only one proposed at this point. Alderperson Raasch asked to clarify the proposed fence along the back and/or side lot of WD-1514. Mr. and Mrs. Goffard explained it was only along the back lot line and that an invisible fence exists along the side lot line between Parcel WD-1514 and WD-1515. Alderperson Raasch expressed his frustration with this neighbor conflict. Alderperson Ledvina asked if this fence would fully remedy the situation. Mrs. Goffard believed it would based on the other abutting properties and current fences. Mr. Rakers displayed an aerial map of the area and Mrs. Goffard explained the area of confusion that had been cleared by the previous owner of WD-1514 with the approval of the Goffards. Mrs. Goffard stated this was the area their dogs were in and the current owners of WD-1514 might have believed it was their property. Alderperson Hansen stated that the neighbors reaction was not consequential and the Board needs to consider if the drainage or pond maintenance would be impacted and staff had stated it would not.

Mayor Boyd moved to close the meeting at 7:45 PM, seconded by Alderperson Raasch. Upon vote, the motion passed unanimously.

Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	James Boyd, Mayor
SECONDER:	Dean Raasch, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

5. Consider and Possible Action Regarding Alderperson Hansen's Request Regarding Driveway Repairs*

Alderperson Hansen outlined a request he received from a resident regarding a patch completed by the City following a water main break that impacted the residents driveway approach and would not be repaired with concrete until the fall. Alderperson Hansen further explained his request to consider creating a policy that would allow residents to hire a contractor to complete water break repairs outside the City contract and be reimbursed, provided the hired contractor could complete the work at the same rate or cheaper than City contract.

Mayor Boyd asked staff to comment on liability/warranty. Eric Rakers, City Engineer, stated if the City completes the work, the City is responsible for making sure the work is completed properly. Mr. Rakers added if the homeowner is allowed to hire their own contractor it could create issues regarding the quality of the work and who would be at fault, the utility repair contractor or the hired concrete company. Mayor Boyd asked how many water main break repairs occur annually. Mr. Rakers explained there are over a dozen water main breaks a year; some at driveways, some at sidewalks and sometimes there are repairs following the leak detection survey. Alderperson Carpenter expressed concerns over pricing on the City contract if residents were given the chance to repair on their own. Alderperson Carpenter stated he was not in favor of creating a policy for this purpose. Alderperson Raasch agreed with Alderperson Carpenter's concerns and stated he was also not in favor. Alderperson Ledvina stated she was also not in favor and stated it could be different if the driveway had been left in poor condition but stated the driveway looks to have been repaired very well following the water main break. Alderperson Carpenter stated he was not unsympathetic towards the concerns of the resident.

Alderson Carpenter moved to maintain status quo for driveway repairs, seconded by Mayor Boyd. Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dan Carpenter, Alderson
SECONDER:	James Boyd, Mayor
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

6. Consideration and possible action on proposed water rate increase*

Pam Manley, Finance Director, outlined the water rate increase from the budgeted 3% up to 8% as determined after submission of the Public Service Commission (PSC) Report effective September 1, 2023.

Mayor Boyd stated from the memo that increase would capture approximately \$210,000. Ms. Manley stated that was her estimate based on 2022 numbers. Alderson Carpenter asked for water loss percentages for 2021 and 2022. Eric Rakers, City Engineer, stated he did not have those numbers. Ms. Manley asked for clarification on the numbers being requested. Alderson Carpenter further explained the loss information he was requesting between the amount of water bought by the City and sold to the customer. Alderson Carpenter further explained that large percent water losses could impact proposed rate increases and the PSC would insist the City correct leaks prior to charging extra to residents. Larry Delo, City Administrator, outlined the process including: the 3% increase from the approved budget, the issues with submission of the report concurrent with the retirement of the finance director, rules governing rate increases, simple rate increases, and review times. Mr. Delo stated staff would research the water loss, but stated it would not change the recommendation from staff. Alderson Carpenter expressed concerns with the increase from 3% to 8% rate increase. Mr. Delo explained why staff is recommending the max increase allowed by PSC. Alderson Carpenter asked if approval was premature based on the review time. Mr. Delo explained that staff is requesting authorization to apply for the increase with the least amount of waiting time following the 45 day review. Alderson Carpenter stated his desire to be fair with the customers and not increase rates unnecessarily. Alderson Raasch stated one of the biggest complaints he receives from residents is the cost of water. Alderson Raasch asked for information regarding the rate of return for the water utility, the amount of money coming in versus the cost of utility projects. Mr. Delo explained that City rarely bonds for construction and without the rate increases, construction will start being bonded in order to cover the costs. Bonded construction projects will accrue interest and increase overall costs. Mr. Delo provided history of the federal funding provided for infrastructure in the 1970s (90% federally funded) and explained these systems are coming to an age that they require replacement and are now 100% locally funded. Mr. Delo also explained the water quality regulations have become more strict and require additional equipment and testing that also increases the cost. Alderson Raasch reiterated his request for rate of return numbers. Mr. Delo explained the rate of return window was between 4% and 8.5%. Alderson Raasch asked where the City rate of return currently is. Mr. Delo stated he did not know the exact number off the top of his head. Alderson Raasch stated he was not comfortable making a decision without the numbers the Board is asking for. Mr. Delo stated he would have those numbers at the Council meeting on June 20. Alderson Raasch stated he would not support this increase tonight without the numbers. Mayor Boyd explained the situation could get worse if the increase is not moved forward from Board to Council for consideration. Alderson Ledvina asked if the rate increase would be brought back to Board or

Council following the PSC review. Mr. Delo and Ms. Manley explained the process and stated the rate increase would not be brought back for Board or Council following the application and 45 review time.

Alderson Carpenter moved to approve the proposed water rate increase up to 8%, seconded by Alderson Ledvina.

Alderson Carpenter commented on the lack of follow through on the completion of the PSC report. Alderson Raasch commented on the lack of preparation for the meeting. Mr. Delo explained an increase was discussed as part of the budget process but admitted staff did not have the numbers available that Board members were requesting, nor had they been requested to be presented in advance of the meeting. Mr. Delo explained that staff will have the requested information available during the Council meeting. Mr. Delo further explained that the former Finance Director had indicated he would complete the PSC report and then told staff about a week before he retired that it would not be done. Alderson Carpenter requested staff indicate on memos if they can be contacted prior to the meeting with questions. Mayor Boyd stated that the concerns were heard and understood and that answers would be provided at the Council meeting. Alderson Carpenter and Alderson Raasch stated they did not want to have the City bond for utility construction, but limit the rate increase as much as possible.

Upon vote, the motion passed 4-1 with Alderson Raasch voting no.

RESULT:	ADOPTED [4 TO 1]
MOVER:	Dan Carpenter, Alderson
SECONDER:	Shana Defnet Ledvina, Alderson
AYES:	James Boyd, Dan Carpenter, Jonathon Hansen, Shana Defnet Ledvina
NAYS:	Dean Raasch

7. Consideration and possible action on award of Contract 23-16 Bridge Rehabilitation*

Alderson Carpenter moved to approve the award of Contract 23-16 Bridge Rehabilitation, seconded by Alderson Raasch. Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dan Carpenter, Alderson
SECONDER:	Dean Raasch, Alderson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

8. Consideration and possible action on award of Contract 23-21 MSC Flooring Replacement Rebid*

Alderson Raasch moved to approve award of Contract 23-21 MSC Flooring Replacement Rebid, seconded by Alderson Ledvina. Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Alderperson
SECONDER:	Shana Defnet Ledvina, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

9. Consideration and possible action on award of Contract 23-17 MSC Complex Gutter Replacement and Roof Repairs Rebid*

Alderperson Hansen moved to approve award of Contract 23-17 MSC Complex Gutter Replacement and Roof Repairs Rebid, seconded by Mayor Boyd.

Alderperson Carpenter requested additional bid details. Tom Blohowiak, Maintenance Supervisor, explained the bid was lump sum. Staff displayed the quote from Security Luebke Roofing for each buildings repairs. Mr. Blohowiak explained that the bid documents included the emergency and remedial repairs described in the quote. Alderperson Carpenter requested additional information regarding the line item for gutter cover installation. Mr. Blohowiak explained the location and the issues the building is experiencing without them.

Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Jonathon Hansen, Alderperson
SECONDER:	James Boyd, Mayor
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

10. Consideration and possible action on BOPW Resolution #23-01 Amended

Alderperson Hansen moved to approve BOPW Resolution #23-01 amended, seconded by Alderperson Carpenter.

Alderperson Hansen commented on the minor change and asked if staff planned to address the change in the notice being mailed to residents. Eric Rakers, City Engineer, and Betty Sellenheim, Recording Secretary, explained that impacted properties saw the previous resolution during the public hearing but would only be mailed the amended resolution.

Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Jonathon Hansen, Alderperson
SECONDER:	Dan Carpenter, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

11. Consideration and possible action on Compliance Maintenance Annual Report for Wastewater Collection System*

Eric Rakers, City Engineer, outlined the Compliance Maintenance Annual Report with the Wisconsin Department of Natural Resources for wastewater collection systems. The report verifies multiple aspects of funding and maintenance of the system. The City received good grades in all aspects of the report.

Alderson Carpenter moved to approve Compliance Maintenance Annual Report for Wastewater Collection System, seconded by Alderson Raasch. Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dan Carpenter, Alderson
SECONDER:	Dean Raasch, Alderson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

12. Consider and Possible Action Regarding Alderson Hansen's Request Regarding Tree Plantings on Webster Avenue*

Alderson Hansen outlined the conversation he had with the City Forester with regards to planting trees on County and State roads/highways. Alderson Hansen further explained his request to create a policy giving the City Forester authority and discretion to plant trees on County and State roads with the approval of the County and/or State. Alderson Raasch asked why this item was being discussed at Board of Public Works rather than Board of Park Commissioners. Larry Delo, City Administrator, stated it was because the topic was planting in the right-of-way which is covered by the Board of Public Works. Eric Rakers, City Engineer, shared that Brown County, Village of Allouez, and City of De Pere have been in discussions regarding possible removal of the medians on Webster Avenue when it is reconstructed in the future. Mr. Rakers also clarified that medians on Lawrence Drive by Humana were City controlled. Alderson Carpenter asked if the City was in charge of grass maintenance on the Webster Avenue, Scheuring Road, and Lawrence Drive medians. Mr. Rakers stated the he believed the City maintained those locations for grass clipping. Alderson Carpenter stated that adding trees could complicate the maintenance of the medians. Alderson Raasch stated his appreciation of the update for future changes to Webster Avenue and the possibility of increased snow storage on the terrace with the elimination of the median and other potential changes, since Parks Department staff currently clear portions of sidewalk along Webster due to the small terraces. Alderson Raasch suggested waiting to create a policy with the possible changes. Mayor Boyd clarified that the request was for all County and State roads within City limits and not limited to Webster Avenue. Alderson Hansen stated that was his intent. Mayor Boyd asked how the Board wished to proceed. Mr. Delo clarified the request of policy creation to allow the City Forester the option of planting on County and State roads with County and State permission. Mayor Boyd stated he did not see a problem with creating the policy. Mr. Rakers stated he would want to avoid having trees planted in areas that were knowingly being removed. Mayor Boyd asked if the approval would come back to Board to be discussed for each donation planting. Alderson Carpenter expressed concerns over providing the power exclusively to the Forester. Mr. Delo explained how trees would be obtained for planting; 1) a donation, which would need to be approved if over \$250, or 2) budgeted, which would need to be approved by Council. Alderson Ledvina and Alderson Hansen stated the policy could require consultation with Public Works and Engineering.

Alderson Hansen moved to approve creation of policy for tree planting on county and state roads/highways at the discretion of the City Forester with consultation with Public Works and Engineering, seconded by Alderson Ledvina. Upon vote, the motion passed unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Jonathon Hansen, Alderperson
SECONDER:	Shana Defnet Ledvina, Alderperson
AYES:	Boyd, Carpenter, Hansen, Defnet Ledvina, Raasch

IV. Future Agenda Items

None

V. Adjournment

Mayor Boyd moved to adjourn the meeting at 8:33 PM, seconded by Alderperson Raasch. Upon vote, the motion passed unanimously.

Respectfully submitted,
Betty Sellenheim



City of De Pere, Wisconsin

Request For Board of Public Works Action

MEETING DATE: July 10, 2023

DEPARTMENT: Engineering

FROM: Chase Kuffel

SUBJECT: Discussion on Foundation Drain Disconnection Program

ATTACHMENTS:

- 2023 0612 CI_Sump_Pump_Program (DOCX)
- A2-PLG-6-CIA-PKG(10-27-22) (PDF)
- A4-PION-35ACi-P(03-20-23) (PDF)
- PK-ALP-AVF-12V(01-20-22) (PDF)

CITY OF DE PERE MEMO



To: Honorable Mayor Boyd
Members of the Board of Public Works

From: Chase K. Kuffel, PE, Assistant City Engineer

Date: July 10, 2023

RE: **Discussion on Foundation Drain Disconnection Program**

Purpose Statement

This memo serves to update the Board on the Foundation Drain Disconnection Program (FDDP) survey mailed out to residents on May 5, 2023. This item was last discussed at the Board of Public Works on April 10, 2023 after the City of De Pere Common Council approved \$341,873 of American Rescue Plan Act (ARPA) to fund the FDDP. As part of this discussion, staff will review correspondence with outside contractors and outline the next steps moving forward for the Board's consideration and comment. It is staff's intention to have this item return to the Board of Public Works in the future to further establish the FDDP program.

Updates

Phase I – Education and Outreach

Foundation Drain Disconnection Program Survey Results

As of the end of work on Wednesday, July 5th the Department of Public Works has corresponded with 759 of the approximately 2,400 property owners regarding the FDDP. The breakdown of the property owner response is as follows:

DO YOU CURRENTLY HAVE A SUMP PUMP?

YES	NO
582 Properties	177 Properties
76.7%	23.3%

**OF THE 177 PROPERTIES WITHOUT SUMP PUMPS, WHAT IS THE CURRENT
PROPERTY LAYOUT?**

BASEMENT	CRAWL SPACE	ON SLAB	RAZED	SEPTIC SYS.^[1]
146	9	16	3	3
82.5%	5.1%	9.0%	1.7%	1.7%

Note 1 – Homes on Homestead Drive south of Rockland Road are not currently serviced by City sewers and have been removed from this program.

**OF THE 146 PROPERTIES WITH BASEMENTS, ARE YOU INTERESTED IN THIS
PROGRAM?**

INTERESTED	NO INDICATION	NOT INTERESTED
25	109	12
17.1%	74.7%	8.2%

In discussions with property owners, the City received a wide variety of responses. Those properties who indicated interest in the program were those experiencing groundwater issues in their basements already. Some property owners indicated that they would be interested depending on how the City's cost share ended up.

Discussions with Local Plumbing Suppliers & Contractors

Staff has been in contact with three companies:

1. JMI Pump Systems – a sump pump and equipment supplier to local plumbers and plumbing contractors.
2. ABT Foundation Solutions – a home foundation repair and basement waterproofing company based in the Fox Valley.
3. Gary J. Basten Construction & Waterproofing – a general contractor with basement waterproofing experience.

Each company was made aware of the De Pere Foundation Drain Disconnection Program after seeing the article on Fox 11's website and have similar experience with sump pump installation programs throughout the state. A link to Fox 11's article is shown below:

<https://fox11online.com/news/local/sump-pumps-will-eventually-be-required-for-all-homes-in-de-pere-new-water-foundation-drain-disconnection-program-eric-rakers-mike-walsh-clear-water#>

Staff plans to include fliers from both ABT and JMI in future public correspondence regarding the FDDP. As a supplier, JMI will include a list of licensed contractors or plumbers they work with who specialize in sump pump installation work. Fliers from both companies are included as exhibits 1 and 2.

ABT estimates that work will cost approximately \$3,000 per property to disconnect foundation drains, install sump pump pits and sump pump systems. This would be further reduced if homeowners take the opportunity to complete other plumbing improvements or refer their neighbors to ABT to complete their sump pump work. ABT currently has the capacity to complete 100 sump pump installations per year. This capacity would be increased with additional companies' inclusion in the program.

Gary J. Basten Construction and Waterproofing estimates work will be closer to \$2,000 per household having completed similar projects in the area.

Next Steps

Phase I – Education and Outreach

Engineering Staff will continue to receive calls and answer homeowners' questions regarding the FDDP. Staff will also continue updating the City's website and Facebook page with new information as it is made available.

Phase II – Further Field Investigation

City Led Field Inspection

The City's Building Inspection Department has indicated that they do have the capacity to inspect sump pump installations should this program result in a spike of plumbing permits. At the April meeting, we discussed requesting proposals and hiring a plumber to complete inspections. This will save staff months of time and money as the Department of Public Works would no longer need to solicit proposals to retain a licensed plumber to administer the FDDP program via the ARPA funds. When the sump pump installation program starts, final inspection can be completed in person by our Building Inspection staff or via post construction televising with an affidavit from a licensed/master plumber.

Additional Research

Staff will need to verify the existence of sump pumps in the 582 properties that have indicated that they currently have sump pump systems. This can be done through reviewing the hard copy permit files held by the Building Inspection Department or by visual inspection.

Phase III – Foundation Drain Disconnection Program

Ordinance Updates

An update to the City's Municipal Code is required. The update to the ordinance will reflect the sump pump requirement for homes built before the installation requirement was set on July 17, 1973.

Additionally, the ordinance should have language for those homes built without basements either on slab or with crawl spaces. These homes are not required to have sump pump systems pursuant to the

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Uniform Dwelling Code. Like sump pump nuisance complaints, an exception clause would need to be included with the ordinance to allow for very old homes that were built in the 1800s or those homes that currently have no foundation drains to be excluded from this program until a groundwater inflow and infiltration issue is identified.

The City's Cost Share

The financial assistance the City will be providing for the FDDP will need to be determined. Additional ARPA funding is available for cost share now that the City does not need to retain a plumber to complete the work. To make sure this ARPA money is expensed, the City could establish a cost share where those properties who voluntarily participate in this program see a higher City cost share. After the volunteer list is exhausted, the cost share percentage would then drop. Table 1 shows an example of what a sample cost share would be based off ABT's construction estimate.

Table 1 - Cost Share Example

	Volunteer Property	Mandated Property
Cost Share %	83.3% (5/6)	50% (1/2)
City Cost	\$2,500	\$1,500
Homeowner Cost	\$500	\$1,500
Total Cost	\$3,000	\$3,000

At a City cost of \$2,500 per property, the City will need to have 137 volunteers install sump pumps by the end of 2024. This will result in the City cost sharing \$342,500. Any volunteers remaining on the FDDP list would still receive the volunteer rates after the ARPA money would be exhausted. Staff proposes instilling an upper limit to the cost share should the work exceed a current amount. Table 2 shows a similar cost share example should the upper limit be set at \$5,000 in work completed within the terms and conditions of this program.

Table 2 – Upper Limit Cost Share Example

	Volunteer Property	Mandated Property
Cost Share %	83.3% (5/6)	50% (1/2)
City Cost	\$4,167	\$2,500
Homeowner Cost	\$833	\$2,500
Total Cost	\$5,000	\$5,000

Future Program Mandate

The City will need to create a schedule for ordering sump pumps once the volunteer list is exhausted. This could be done by breaking down the City into portions, segmenting the City into areas similar to the sidewalk program. Instead of breaking the City into eighths, the sump pump program would need to be segmented into approximately 20 areas based on ABT's 100 properties per year capacity. This would

result in the program taking 20 years to complete with a completion date of 2043.

Financing

Staff will also need to determine if the City will provide financing for the FDDP. Based on discussion at the last meeting and staff's research, staff is proposing this be a private, owner led program. Property owners will be responsible for hiring a private contractor or plumber to complete the work and the City will then inspect and reimburse. The financing for the FDDP could be structured like the sidewalk program. For the sidewalk program, property owners are eligible for a five-year payback period should their work exceed \$1,000. Staff will need to consider the maximum amount of financing the City will provide and if there are any legal obstacles. This will require the City Attorney's input prior to implementation.

EXHIBIT 1

ABT FOUNDATION SOLUTIONS PROMOTIONAL MATERIALS

ABT DRY RIGHT SUMP SYSTEM

GOOD PROTECTION

- **1/3HP Pro-Series Sump Pump**
 - 3000 Gallons Per Hour
 - Dual Float Adjustable Float
 - Alert Box with Indicator Lights
 - Water Cooled
 - Automatic Weekly Run Tests
 - 10-Foot Electrical Cord
 - 5-Year Manufacturer Warranty
 - Upgrade Options: 1/2HP or 1HP
- **ABT Dry Right Sump Crock with Cover**
 - 30 Gallon Bell Shaped Crock
 - Fewer Run Times
 - Extends life of pump
 - Room for multiple pumps
 - Weep holes throughout top of crock
 - Clear sealed cover
 - Reduces noise
 - Bolt attached



BETTER PROTECTION

- **1/3HP Pro-Series Sump Pump**
 - 3000 Gallons Per Hour
 - Dual Float Adjustable Float
 - Alert Box with Indicator Lights
 - Water Cooled
 - Automatic Weekly Run Tests
 - 10-Foot Electrical Cord
 - 5-Year Manufacturer Warranty
 - Upgrade Options: 1/2HP or 1HP
- **ABT Dry Right Sump Crock with Cover**
 - 30 Gallon Bell Shaped Crock
 - Fewer Run Times
 - Extends life of pump
 - Room for multiple pumps
 - Weep holes throughout top of crock
 - Clear sealed cover
 - Reduces noise
 - Bolt attached
- **WiFi Module Attachment**
 - Send emails or text notifications
 - Sends status alerts
 - No yearly service fee
 - Program up to 3 phone numbers
 - Apple and Android Apps available



BEST PROTECTION

- **1/3HP Pro-Series Sump Pump**
- **ABT Dry Right Sump Crock with Cover**
- **WiFi Module Attachment**
- **Battery Backk Up Unit**
 - 2400 Gallons per hour
 - Maintenance-free battery
 - Works as a secondary pump with AC power
 - 9 hours continues run time on full battery
 - Visual display of battery life percentage
 - Dual float, dual switches with communication box



ABT FOUNDATION SOLUTIONS INC.

DE PERE SUMP PUMP REFERRAL PROGRAM

ABT FOUNDATION
SOLUTIONS INC.

**GREAT
DEAL**

HOW IT WORKS

Refer a friend, neighbor, family member, or co-worker that also needs a new sump pump system in De Pere. When they receive their estimate from an ABT project manager, we will send you a \$25 referral voucher. If they decide to move forward with the project, we will send you another \$50 check after the project has been completed and the information sheet filled out below.

Must be present at time of sale



Your Name _____

Phone # _____

Referred ABT to _____

Phone # _____

EXHIBIT 2

JMI PROMOTIONAL MATERIALS



JMI PUMP SYSTEMS

Your Partners in Pumping Since 1958

W194 N11695 McCormick

Germantown, WI 53022

262-253-1353 • 800-234-5490

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3.2.b

PACKAGED SYSTEM PRE-ASSEMBLED CLEARWATER PUMP SYSTEM

Model PLG-6-CIA-PKG

FEATURES

PUMP

- Little Giant Pump; Model PLG-6-CIA
- 1/3 HP cast iron motor
- Thermal overload protection
- Automatic pressure switch

BASIN AND COVER

- 18" x 22" structural foam basin
- Pre-drilled drain inlet holes (optional)
- Structural foam gas tight cover with bolt down discharge & vent flanges

CHECK VALVE

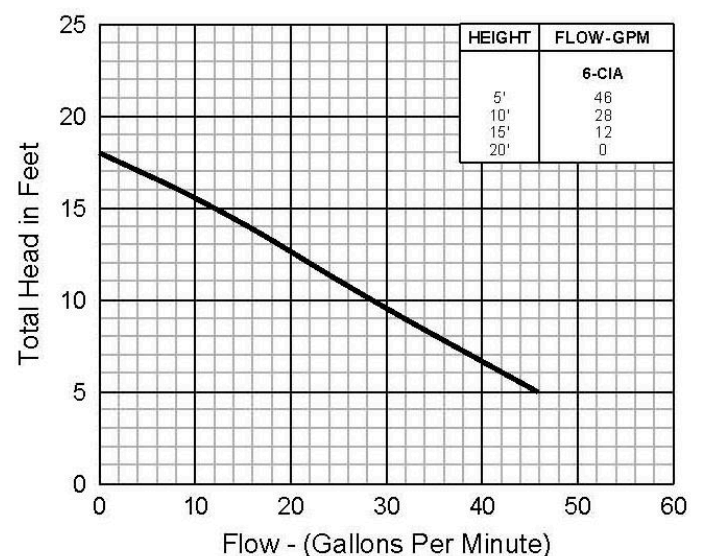
- Swing type with PVC body & rubber couplers

DISCHARGE PIPE

- Sch40 PVC discharge pipe with pre-drilled air bleed hole

APPLICATION & INSTALLATION

- Recommended for removal of foundation drainage
- Completely assembled (as pictured) for ease of installation
- Optional high water alarm available
- 28 GPM @ 10' TDH
- 3-year limited warranty





Package is available with the cellular/WiFi capable ion+ Connect controller (above) in place of the standard ion+ controller

35ACi+

55 GPM
@ 10' TDH

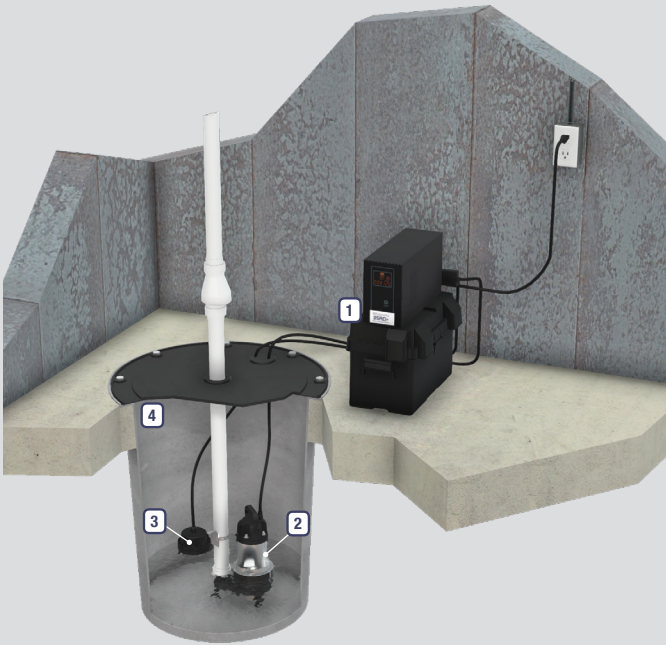
3 YEAR
WARRANTY



Battery Backup System

- Fully automatic auxiliary power source
- Backup system runs on AC or DC power
- Runs the same 1/3 HP pump with power on or off
- Ion+® digital level control sensor with integrated alarms

Typical Installation Diagram



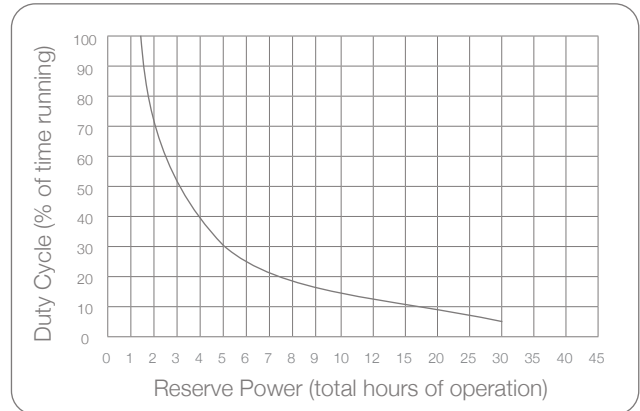
1. Battery box with inverter
2. 1/3 HP BA33 sump pump
3. Ion+ digital level control/alarm sensor
4. Recommended minimum basin size:
18" x 24" (not included)

35ACi+ with **Ion+** - Part Number: **MET20375**

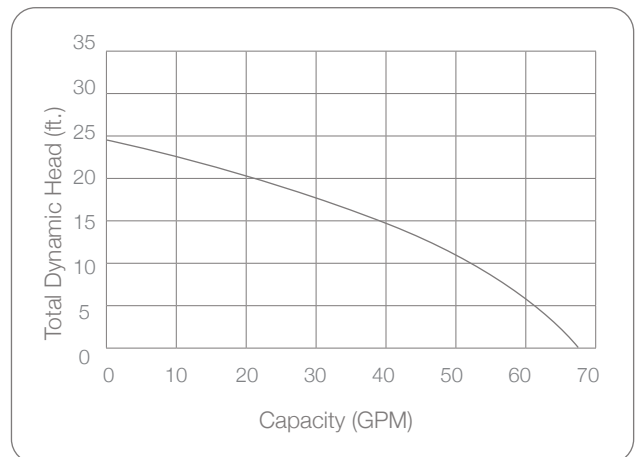
35ACi+ with **Ion+ Connect Cellular** - Part Number: **MET20497**

35ACi+ with **Ion+ Connect WiFi** - Part Number: **MET20500**

System Performance



Pump Performance



System Specifications

- 1/3 HP pump with PSC, energy efficient motor: 4.5 amps
- Up to 68 GPM
- Fully automatic, converts 12 volt DC to 120 volt AC when utility power is lost
- Runs 1/3 HP pump on AC or DC power
- Inverter has digital display, tells status of system at all times
- Requires one 12 volt deep cycle AGM battery (battery is NOT included)
- Non-corrosive battery enclosure
- Includes piggyback Ion+ digital level control/alarm sensor with no moving parts
 - Built-in alarm and monitoring system with Power, System and High Water LEDs and audible alarm
 - Dry contacts to connect to a monitoring device via an RJ11 connection
- Quick and easy installation
- 3 year warranty



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3.2.d

SUBMERSIBLE AC PRIMARY & 12 VOLT DC BATTERY BACK-UP PACKAGED SYSTEM

Model PK-ALP-AVF-12V

FEATURES

- PVL-EC-AVF; 1/3 HP, AC primary pump
50 GPM / 3,000GPH @ 10' TDH
- PZM-ALPHA-1; 12V, DC, battery back-up pump
40 GPM / 2,400 GPH @ 10' TDH
- EC-AVF, AC primary pump uses a compact, vertical style switch with piggyback plug
- ALPHA-1, 12V pump uses compact, long lasting, solid state dual sensors
- Advanced Controller/Charger
 - Easy to read LED display
 - Automatically tests the 12V pump weekly to insure reliable operation
 - Alarm will sound when AC power is lost, when the 12V pump is activated, and when the battery is under voltage
 - Auxiliary contacts for hooking up to home security notification
- Small, 14" footprint, compact dual pump assembly
- Includes AZP-BATTERY-SL maintenance free battery
- Three-year limited warranty



PRE-ASSEMBLED TO INCLUDE:

- EC-AVF, AC Primary Pump
- ALPHA-1, 12V DC Back-up Pump and Controller
- Deep Cycle Battery (120 AH)
- Battery Box
- (2) Check Valves
- 1-1/2" PVC Discharge Piping and Fittings

EMERGENCY BACK-UP PROTECTION

POWER OUTAGES

- Storms
- Electrical problems

EXCESSIVE WATER INFLOW

- Heavy rain
- Overloaded system

PRIMARY PUMP FAILURE

- Mechanical malfunction
- Basin obstructions

NOTE:

- Performance based on 120 amp hour battery
- As battery discharges, pump capacity decreases
- Please refer to the owner's manual

PERFORMANCE CURVE

