



Public Works Committee Meeting

Cravath Lakefront Room, 2nd Floor
312 W. Whitewater St.
Whitewater, WI 53190
*In Person and Virtual

Tuesday, October 13, 2026 - 5:00 PM

AGENDA

Citizens are welcome (and encouraged) to join our webinar via computer, smart phone, or telephone.
Citizen participation is welcome during topic discussion periods.

Please click the link below to join the meeting:

<https://teams.microsoft.com/meet/275749325421308?p=b6CjN8fefomm0gHqt8>

Telephone: +1 929-229-5663,,133450809#
Meeting ID: 275 749 325 421 308
Passcode: 8Ah9Et9M
Phone conference ID: 133 450 809#

Please note that although every effort will be made to provide for virtual participation, unforeseen technical difficulties may prevent this, in which case the meeting may still proceed if there is a quorum. Should you wish to make a comment in this situation, you are welcome to call this number: (262) 473-0107.

CALL TO ORDER

ROLL CALL

APPROVAL OF AGENDA

A committee member can choose to remove an item from the agenda or rearrange its order; however, introducing new items to the agenda is not allowed. Any proposed changes require a motion, a second, and approval from the Committee to be implemented. The agenda shall be approved at each meeting even if no changes are being made at that meeting.

APPROVAL OF MINUTES

1. Approval of minutes from September 8, 2026

HEARING OF CITIZEN COMMENTS

No formal Committee action will be taken during this meeting although issues raised may become a part of a future agenda. Participants are allotted a three minute speaking period. Specific items listed on the agenda may not be discussed at this time; however, citizens are invited to speak to those specific issues at the time the Committee discusses that particular item.

To make a comment during this period, or during any agenda item: On a computer or handheld device, locate the controls on your computer to raise your hand. You may need to move your mouse to see these controls. On a traditional telephone, dial *6 to unmute your phone and dial *9 to raise your hand.

NEW BUSINESS

- [2.](#) Discussion and Possible Action regarding disposition of two Street Department trucks.
- [3.](#) Discussion and Possible Action regarding the use of a parking stall(s) in Lot C for a dumpster enclosure for nearby residential units.
- [4.](#) Discussion and Possible Action regarding the review of the draft Request for Proposal for Architectural and Engineering Services for Public Works Street Facility.
- [5.](#) Discussion and Possible Action regarding emergency repairs to Well No. 5 Filter Tank.
- [6.](#) Discussion and Possible Action regarding Amendment No. 1 to Strand Task Order No. 25-01, Well No. 7 Modifications and Starin Park Reservoir Demolition.

FUTURE AGENDA ITEMS**ADJOURNMENT**

A quorum of the Common Council may be present. This notice is given to inform the public that no formal action will be taken at this meeting.

Anyone requiring special arrangements is asked to call the Office of the City Manager / City Clerk (262-473-0102) at least 72 hours prior to the meeting.



Public Works Committee Meeting Item 1.

Cravath Lakefront Room, 2nd Floor
312 W. Whitewater St.
Whitewater, WI 53190
*In Person and Virtual

Tuesday, September 08, 2026 - 5:00 PM

MINUTES

CALL TO ORDER

The Public Works Committee meeting was called to order by Board President Hicks at 5:00 p.m.

ROLL CALL

PRESENT: Board Member Smith, Board Member Schanen, Board President Hicks

ABSENT: None

OTHERS: Marquardt

APPROVAL OF AGENDA

Motion made by Board Member Schanen to approve the agenda for Tuesday, September 8, 2026, Seconded by Board Member Smith.

Voting Yea: All via voice (3)

Voting Nay: None

APPROVAL OF MINUTES

1. Approval of minutes from August 11, 2026

Motion made by Board Member Schanen to approve the minutes from August 11, 2026, Seconded by Board Member Smith.

Voting Yea: All via voice (3)

Voting Nay: None

HEARING OF CITIZEN COMMENTS

None

NEW BUSINESS

2. Discussion and Possible Action regarding traffic and pedestrian safety on Ann Street.

Marquardt stated at a recent Council meeting, a resident asked for speed bumps to be placed on Ann Street between Trippe Street and Fremont Street or stop signs to be placed on Ann Street at Trippe Street due to the number of cars speeding. This item was previously reviewed at the July 11, 2023, Public Works Committee meeting to discuss the inclusion of speed bumps while the street was being designed for reconstruction. For that meeting the Police Department set up a speed board to collect data including the highest speed of each car. The speed board was out for 12 days, collecting data from 1,732 vehicles. The data showed 1,303 (75%) of the vehicles were at or below the posted speed of 25 mph. The 85th Percentile, the percentile which the speed limit should be set for, was 27 mph. Of the 429 vehicles over the limit, 416 were within 10 mph of the speed limit and 13 were recorded at more than 35 mph.

Before Ann Street was reconstructed between Trippe Street and Fremont Street, there was no sidewalk on the north side of the street. On the south side, the existing sidewalk extended east from Trippe Street for approximately 270 feet before turning and terminating in the street—roughly one-quarter of the distance to Fremont Street.

As part of the reconstruction project, the Public Works Committee determined that a sidewalk would not be installed along the south side of Ann Street east of the existing sidewalk. This decision was based on right-of-way constraints near the Fremont Street and Ann Street intersection, existing topography and trees, and the proximity of adjacent homes to the proposed sidewalk alignment.

For stop sign installation, staff refers to the Manual of Uniform Traffic Control Devices (MUTCD) for guidance. Section 2B.04-Guidance (05) states “YIELD or STOP signs should not be used for speed control”.

At the July 11, 2023, Public Works meeting, the Committee decided to not take any formal action on the installation of speed bumps.

Staff’s recommendation, consistent with past recommendations on similar requests, is to not install speed bumps or a stop sign at the Trippe Street/Ann Street intersection. This recommendation is based on guidance from the MUTCD for Stop Sign installations and Multi-Way Stop Applications and from the results of the previous speed study. The Police Department has also indicated they have had additional patrols in the area in the last few months but have not issued any speeding tickets.

President Hick opened the floor to public comment.

Dave Stone, W. 303 Ann St. stated he may have seen one car, the last couple of months, traveling at a high rate of speed. Otherwise, he didn’t see any. Dave said it’s a low volume street for cars.

Beverly Stone, W. 303 Ann St. stated there really isn’t much traffic on Ann St.

President Hicks closed the floor to public comment.

Marquardt stated Strand came back with a price of \$3,000 - \$4,000 for a study consisting of a two-week period.

No action was taken by board members at that time.

Marquardt will do a staff report to Council at the next meeting since this item was brought up at a Council meeting.

3. Discussion and Possible Action regarding changing the hours of operation for ATV/UTVs.

Marquardt stated the City enacted an Ordinance in November 2021 that allowed the operation of ATV/UTVs on City streets. Part of that Ordinance included a provision that ATV/UTVs could not be operated between the hours of 10:00 p.m. and 5:00 a.m. At the August 4, 2026, Common Council meeting, Alderperson Hicks asked for a review of these hours.

At the August 11, 2026, Public Works meeting a few questions were asked that needed input from the City Attorney. The questions emailed from the Police Chief to the City Attorney along with the City Attorney’s responses are listed below.

1) The request to extend the ATV/UTV restricted hours from 10:00 p.m. - 5:00 a.m. to midnight – 5:00 a.m. received some pushback at the PWC meeting tonight due to the increased potential for intoxicated operation. The discussion then went to how the penalties for intoxicated operation of an ATV/UTV on a roadway amount to a DNR violation under statute 23.33 instead of an OWI under statute 346.63 and without the DL restrictions. The question that came up was whether it would be possible to add a restriction in our ordinance that increased the penalty and essentially would make the penalty for operating an ATV/UTV equivalent to an OWI...I deferred to you on that and let them know that we'd bring it back to PWC once we had a researched legal answer as to if/how that could be accomplished. I can't see how it could be done (other than possibly the financial penalty increasing).
City attorney: State statute prohibits creating a municipal ordinance that is more restrictive or has higher penalties than that laid out in 23.33. Due to that, maintaining the current process of enforcing this as a DNR violation is the best course of action.

2) Regarding ordinance 11.45.030, the consensus was to remove subsection 3 (requirement to operate on extreme right side of roadway), which I did not have an issue with. Please let me know if you see any unintended consequences.

City attorney: No concerns with removing 11.45.030(3).

3) The PWC also discussed potentially removing subsection 4 (restriction of operating on paved surfaces only), but I believe they removed that request. On this one I think it would be a mistake to remove that as we could then see people operating in public spaces like parks without recourse. Again, curious to get your thoughts.

City attorney: Recommendation is to keep 11.45.030(4) as removal would technically allow ATV/UTV operators to drive in the right-of-way which in some cases includes lawns of homeowners.

In November 2021, the Common Council adopted Chapter 11.45 – Operation of all-terrain vehicles and utility terrain vehicles allowed.

Staff will create an Ordinance Amendment, if needed, based on the direction of the Public Works Committee.

Motion made by Board President Hicks to change hours for ATV/UTV use within the City limits to no operating between midnight to 5:00 a.m. including suggestions from the City attorney on removing section 11.45.030(3), Seconded by Board Member Smith.

Voting Yea: Board President Hicks, Board Member Smith

Voting Nay: Board Member Schanen

4. Discussion and Possible Action regarding mailbox replacement policy due to snowplow damage.

Marquardt stated the Street Department currently does not have a written policy regarding replacement of mailboxes damaged during snowplowing events. This policy establishes guidelines, based on current practice, on when the city is responsible for repairing/replacing a mailbox related to snowplow damage.

The maximum amount the City will pay for replacement of a mailbox is \$75.

Staff recommended a motion to approve the Mailbox Replacement Policy.

Marquardt stated this does not have to go to Council, per City attorney.

Motion made by Board Member Schanen to approve the mailbox replacement policy due to snowplow damage, Seconded by Board Member Smith.

Voting Yea: All via voice (3)

Voting Nay: None

5. Discussion and Possible Action regarding John's Disposal request for rate increase.

Marquardt stated Staff received a request from John's Disposal asking for a 3.8 % increase (\$0.62) per unit, monthly increase as outlined below. According to the contract, John's may request an annual adjustment up to the Consumer Price Index (CPI). The CPI is 3.8%.

	<u>2026</u>	<u>2027 (3.8%)</u>	<u>Increase</u>
Garbage	\$9.75	\$10.12	\$0.37
Recycle	\$4.50	\$4.67	\$0.17
Bulk	<u>\$2.17</u>	<u>\$2.25</u>	<u>\$0.08</u>
	\$15.95	\$16.42	\$0.62

Since September 2019, John's Disposal has received approval for annual rate increases for garbage, recycling, and bulk collection services. The approved rate changes are as follows:

- In September of 2019, John's Disposal was approved for a recycling rate increase from \$2.59 to \$3.59 for 2020.
- In October 2020, John's Disposal was approved for a recycling rate increase from \$3.59 to \$3.84 for 2021.
- In September 2021, John's Disposal was approved for rate increases for garbage from \$8.29 to \$8.70, recycling from \$3.84 to \$3.85, and bulk from \$1.66 to \$1.85 for 2022.
- In October 2022, John's Disposal was approved for rate increases for garbage from \$8.70 to \$9.00, recycling from \$3.85 to \$4.15, and bulk from \$1.85 to \$2.00 for calendar year 2023.
- In September 2023, John's Disposal was approved for rate increases for garbage from \$9.00 to \$9.25, recycling from \$4.15 to \$4.27, and bulk from \$2.00 to \$2.06 for calendar year 2024.
- In September 2024, approval was granted for rate increases in garbage from \$9.25 to \$9.47, recycling from \$4.27 to \$4.37 and bulk from \$2.06 to \$2.11 for 2025.
- In September 2025, approval was granted for rate increases in garbage from \$9.47 to \$9.75, recycling from \$4.37 to \$4.50 and bulk from \$2.11 to \$2.17 for 2026.

City Staff estimated a \$0.53 increase for 2027 in the 2026-2027 budget. With an estimated 2800 toters for 2027, the \$0.62 rate increase is an additional \$3,024 for the 2027 budget. The total increase over the 2026 budget is \$20,832.

Marquardt noted our contract with John's expires at the end of 2027. Marquardt will start the renewal process during the spring/summer of 2027. Per our policy, an RFP needs to take place every five years.

Since the requested increase is in line with the CPI, staff's recommendation is for the Committee to recommend approval of the rate increase for 2027 to the full Council.

Motion made by Board President Hicks to forward to Council the annual rate increase for garbage, recycling, and bulk collection services from John's Disposal, Seconded by Board Member Smith.

Voting Yea: Board Member Smith, Board Member Schanen, Board President Hicks

Voting Nay: None

FUTURE AGENDA ITEMS

None

ADJOURNMENT

Motion made by Board Member Schanen to adjourn the Public Works meeting at 5:22 p.m., Seconded by Board Member Smith.

Voting Yea: All via voice (3)

Voting Nay: None

Respectfully submitted,

Alison Stoll

Alison Stoll, Administrative Assistant
Department of Public Works

*Minutes approved on _____



Public Works Agenda Item

Meeting Date:	October 13, 2026
Agenda Item:	Sale of Public Works Equipment
Staff Contact (name, email, phone):	Brad Marquardt, bmarguardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

(Enter the who, what when, where, why)

The Public Works Department is looking to dispose of the following items through auction:

- 1993 Chevrolet Kodiak Diesel
- 1985 Chevrolet ¾ Ton Pickup

The Kodiak Diesel was replaced with a 2026 International 7400 Plow Truck and the ¾ Ton Pickup was replaced with a 2026 Ford F-350 Pickup.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

N/A

FINANCIAL IMPACT

(If none, state N/A)

Proceeds from the auction will go to Fund 215 Equipment Replacement.

STAFF RECOMMENDATION

Staff recommends a motion to approve the disposition of the listed items and forward to Council for final approval.

ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. N/A



Public Works Agenda Item

Meeting Date:	October 13, 2026
Agenda Item:	Lot C dumpster enclosure
Staff Contact (name, email, phone):	Brad Marquardt, bmarguardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

(Enter the who, what when, where, why)

The property owner of 141 W. Main Street called looking for options for their garbage collection. Currently, garbage is placed out on the sidewalk for collection. They asked about using the dumpster at Second Salem or adding on to that enclosure. Second Salem has a private contract for garbage collection; thus the City has no say in the use of the Second Salem dumpster. In order to expand the dumpster area, one or two permit parking stalls would have to be eliminated.

As an alternative site, staff is suggesting Lot C as a potential site for a dumpster enclosure. This parking lot currently has eight 10-hour stalls. Losing one or two 10-hour parking stalls will not be detrimental to people who park there as there are four other parking lots (Lots B, D, J, G) within one to two blocks which contain a total of 110 10-hour parking stalls.

Utilizing parking stalls for a dumpster enclosure is not new. As mentioned, Second Salem has a dumpster in Lot D and the businesses between 1st Street and 2nd Street on the north side have a dumpster enclosure in Lot G.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

N/A

FINANCIAL IMPACT

(If none, state N/A)

All costs associated with the dumpster enclosure should be the responsibility of the property owners utilizing the dumpster.

STAFF RECOMMENDATION

Staff is looking for affirmation to continue looking at Lot C for a potential dumpster enclosure. With approval, staff will work with the property owner of 141 W. Main Street and potential other property owners who are putting garbage out on the sidewalk. An Agreement would need to be worked out by all property owners participating. Additionally, an easement between all parties and the City would need to be signed for the use of the stalls.

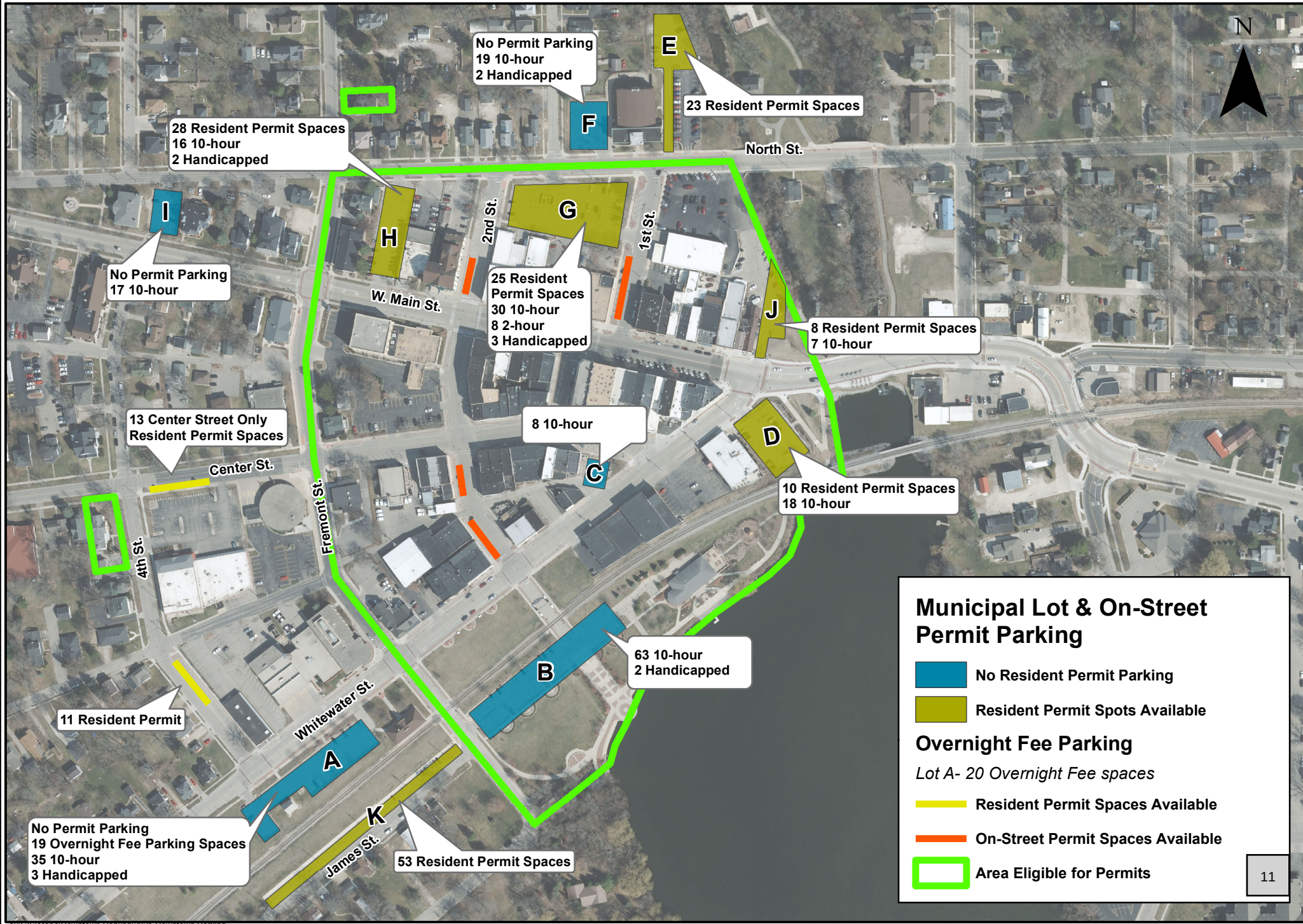
ATTACHMENT(S) INCLUDED

(If none, state N/A)

- | |
|---|
| <ol style="list-style-type: none">1. Downtown Parking Map2. Lot G Dumpster Agreement |
|---|
-

On-street and Municipal Lot Parking Downtown Whitewater

Item 3.



AGREEMENT TO SHARE DUMPSTER ENCLOSURE

This Agreement entered this _____ day of _____, 2018 by the undersigned:

The City of Whitewater in approving a Conditional Use Permit has required that affected property owners enter into an agreement to utilize the dumpster enclosure located at the rear of 109 South Second Street, Whitewater, WI 53190. By this Agreement the undersigned agree that the parties to this Agreement shall have access and consent to utilize the dumpster enclosure. Any costs related to the maintenance, repair, replacement and any other costs relating to the dumpster enclosure shall be shared equally between the parties to this Agreement.

The owner of each Property to this Agreement shall be required to maintain its own liability insurance against any claims, losses, damages or actions of any kind, whatsoever relating to the terms of this Agreement.

This Agreement shall bind and benefit the owners of the Properties that are the subject to this Agreement and their respective successors and/or assigns.

Should the parties be deadlocked in some aspect of the management of this Agreement the parties shall select a qualified arbitrator to resolve the dispute. If the parties cannot agree on an arbitrator this matter will be presented to a Walworth County Circuit Court Judge for the selection of said arbitrator. The decision of the arbitrator shall be binding upon all parties hereto.

This Agreement includes the Property Owners entire agreement and understanding with respect to the subject matter hereof. This Agreement may be modified only by a written instrument executed by the then owners of all Properties.

Center Street Rentals, LLC

David E. Saalsaa

Stonegate Management LLC

Drilon LLC

Land & Water Investments, LLC

Hicks Survivors Trust

This instrument was drafted by:
Attorney Steven J. Steinhoff
117 East Main Street
Eagle, WI 53119
(262) 594-2176
State Bar No. 1009271



Public Works Agenda Item

Meeting Date:	October 13, 2026
Agenda Item:	Street Facility RFP
Staff Contact (name, email, phone):	Brad Marquardt, bmarguardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

(Enter the who, what when, where, why)

As previously discussed at the August 2026 Public Works Committee meeting, staff is working on drafting a Request for Proposals (RFP) from Architectural/Engineering Firms for the design of the new Public Works Street Facility. Included in the packet is the draft RFP up to this point for review and comment.

A couple of questions to consider:

1. Does the Committee want to conduct the interviews, or have the selection committee conduct the interviews? It is currently set up to hold interviews on a scheduled Public Works Committee meeting date with the full Committee.
2. How involved does the full Committee want to be during the design? If the full Committee wants to be involved, the RFP should indicate the Public Works Committee meetings so the responding Firms can include the meetings in their proposed cost and schedule.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

The design of the Street Facility was included in the 2026-2027 CIP approved as part of the 2026-2027 Budget in November 2025.

FINANCIAL IMPACT

(If none, state N/A)

\$500,000 has been budgeted initially in the CIP.

STAFF RECOMMENDATION

Staff is looking for any input on the RFP at this time. No formal motion is needed at this time. Staff will bring an updated draft back at the November 10, 2026 Public Works Committee meeting. The final version for approval will be at the December 8, Public Works Committee meeting for intended distribution starting on January 4, 2027.

ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. Draft RFP

1. Introduction

The City of Whitewater Department of Public Works (DPW) is soliciting proposals from qualified Architectural and Engineering (A/E) firms to provide full design, engineering, permitting, preparation of bid documents and any other necessary documents/requirements, and construction administration for the development of a new DPW Facility. Based on the *DPW Space Needs Assessment & Master Planning Study* completed by Kueny Architects (Updated October 8, 2025), the City has determined that the existing DPW buildings have exceeded their life cycle, do not meet operational or code requirements, and should be replaced with a new purpose-built facility. The estimated size of a new facility, based on the Kueny Study, is approximately 60,900 square feet.

2. Project Background

A comprehensive facilities condition assessment identified widespread deficiencies including:

- Outdated mechanical, electrical, and plumbing systems
- Lack of ADA compliance throughout the building
- Insufficient administrative, storage, and operational space
- Structural deterioration in most outbuildings
- Inadequate vehicle maintenance and vehicle storage capacity
- Inefficient site access, utilities, drainage, and security systems

The Kueny Study concluded that full replacement of the DPW facility (except Buildings 5 and 8) is the most cost-effective long-term solution to support operations through 2050. Warm storage for 80 pieces of equipment, expanded shop spaces, improved vehicle maintenance capacity, and modern amenities were recommended.

During the DPW Space Needs Assessment & Master Planning Study, the current site at 150 E. Starin Road was the only site under consideration. The City now wishes to explore the feasibility of other potential sites that may better accommodate long-term space, circulation, environmental and/or growth considerations within the Business Park on the city's northeast side.

3. Project Objectives

The selected A/E firm will develop a design to address the following priorities:

Administrative & Office Functions

- Approximately **3,400 SF** administrative area including lobby, offices, meeting space, IT closet, break/training room, kitchen, and ADA-compliant circulation.

Amenities & Locker Rooms

- Approximately **1,110 SF** of compliant restroom, shower, locker, and mud-room spaces.

Vehicle Maintenance

- **4 heavy repair bays**, tire area, fabrication/weld bay, tool storage, bulk fluids room, parts office, and mezzanine storage totaling approximately **6,460 SF**.

Warm Vehicle Storage

- Approximately **40,150 SF**, including the existing Building 5, for storing 80 vehicles of varying sizes; include appropriate utilities, exhaust, trench drains, compressed air, radiant heating, and overhead door systems.

Cold Storage

- Relocate **Building 8** to provide approx. **3,600 SF** of cold storage.

Departmental Shops

- Approximately **4,610 SF** including carpentry/sign shop, parks shop, and public works shop.

Wash Bay

- Approximately **1,880 SF** including manual wash bay and wash equipment room.

Site Improvements

- New fuel island
- New salt/sand shed
- Perimeter fencing & automated gates
- Adequate security lighting & cameras
- Site circulation improvements suitable for phased demolition (existing locations)
- New customer and employee parking

The selected A/E firm will also help with identifying and selecting an adequate alternative site(s).

Alternative Site Selection

- Remain at 150 E. Starin Road

- Relocate to approximately **six-to-nine-acre** site in the Business Park. This could include more than one location in the Business Park.

4. Scope of Services

The successful A/E firm will provide:

A. Preliminary Services

- Review existing DPW Space Needs Assessment and Master Plan Report
- Review current staffing and equipment. Provide recommended updates to square footage needs for the areas listed in Section 3 above.
- Complete alternative site selection process
- Provide comparative assessment of current site versus selected alternative site(s)
- Conduct supplemental field verification and geotechnical evaluations
- Prepare updated concept plans supported by cost estimates

B. Design Services

- Schematic Design
- Coordination with utilities (gas, electric, telecommunications, fiber) including city IT Department
- Design Development with input from city staff and Public Works Committee
- Demolition and phasing plans for current site if selected
- Construction Documents (architectural, structural, civil, mechanical, electrical, plumbing, fire protection)
- Plan & Architectural Review Commission approvals
- State approved plans
- Bid specifications and assistance during procurement

C. Engineering Requirements

- Topographic survey
- Structural design of new DPW facility
- MEP design including code-compliant ventilation for vehicle maintenance and storage
- Erosion control, site grading, drainage, stormwater management, landscape plan
- Security systems (access control, cameras, fencing, gate automation, lighting)
- ADA compliance throughout building and site

D. Construction Administration

- Respond to RFIs
 - Review submittals
 - On-site inspections
 - Punchlist development
 - Final closeout
-

5. Deliverables

The A/E team will produce:

- Site evaluation report with comparison matrix
 - Alternative site concept diagrams
 - Recommended site selection justification
 - Updated cost estimates at 30%, 60%, 90%, and final design phase
 - Phasing plan for demolition and construction while maintaining DPW operations, if current site is the preferred alternative
 - Full architectural and engineering plans sets and specifications
 - Final bid package formatted for municipal procurement
 - Construction schedule
 - As-built documentation
-

6. Proposal Requirements

Proposals must include:

1. **Letter of Interest**
 2. **Firm Qualifications & Relevant Experience**
 3. **Project Team & Key Personnel**
 4. **Understanding of Scope & Proposed Approach**
 5. **Site Evaluation Approach**
 6. **Proposed Project Schedule**
 7. **Fee Proposal** (including reimbursables)
 8. **Three Municipal References**
 9. **Proof of Insurance & Licensure**
-

7. Evaluation Criteria

Proposals will be scored on:

- Experience with DPW, municipal, or similar facilities
 - Quality and relevance of past project examples
 - Project schedule and approach
 - Technical competence of proposed staff
 - Understanding of project needs
 - Cost competitiveness
 - Familiarity with Wisconsin building codes
-

8. Project Timeline

Milestones (subject to negotiation):

- RFP Release: Jan 4, 2027
 - Question Due: February 5, 2027 1:00 p.m.
 - Proposal Deadline: February 19, 2027 3:00 p.m.
 - Firm Interviews: March 9, 2027 (1 hour starting at 4:00, up to 3 firms)
 - Council Approval: April 6, 2027
 - Design Completion: November, 2028
 - Construction Start: Spring 2029
 - Final Completion: Summer 2030
-

9. Submission Instructions

Submit **one electronic proposal (PDF)** and **five bound hard copies** to:

Brad Marquardt

Director of Public Works

City of Whitewater

150 E. Starin Road

Whitewater, WI 53190

Email:[Insert Email]

10. Additional Information

The City reserves the right to:

- Reject any or all proposals
- Request clarification
- Waive irregularities
- Award contract in the City's best interest



Public Works Agenda Item

Meeting Date:	October 13, 2026
Agenda Item:	Well 5 Filter Tank Repair
Staff Contact (name, email, phone):	Brad Marquardt, bmarguardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

(Enter the who, what when, where, why)

In August of this year, the Water Utility received complaints regarding sand in the distribution system around Starin Park and at WE Energies. Upon investigating the complaint, it was discovered that the filter tank for Well 5 had a failure inside the tank. The joint between the filter cell wall and the filter cell floor failed which allowed the media (sand like material that the water drains through before entering the distribution system) to enter into the clean water cell in the bottom of the tank. Since that time, Strand has been working on alternatives and obtaining cost estimates to get the filter operational.

Attached is Strands report outlining long-term and short-term alternatives. As indicated in the report, the long-term alternatives would take 2 to 4 years to get a new filter operational. The two short-term fixes would take 2 to 6 months, but do come with additional risks.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

N/A

FINANCIAL IMPACT

(If none, state N/A)

Estimated costs range from \$190,000 - \$390,000 depending on the option. Money from reserves would be used to pay for the initial costs. A reimbursement resolution would be introduced at council for the possibility of borrowing money in 2027 to repay the reserves. Due to the unplanned failure and the well being out of service, Staff is declaring this an emergency and as such will work directly with the City's contractor already onsite for the Well 7 modification project, and the filter tank manufacturer.

STAFF RECOMMENDATION

The Water Utility is planning to do a system modeling update and planning study in 2027. By selecting short-term alternative 2, the fix to the filter tank should provide enough time for the planning study to be completed and upgrades to the facility to be incorporated into future budgets. Based on this, Staff recommends a motion to move forward with the short-term alternative 2 option and forward to council for approval as part of the reimbursement resolution.

ATTACHMENT(S) INCLUDED
(If none, state N/A)

1. Well 5 Filter Tank Alternatives

September 29, 2026

Mr. Brad Marquardt, P.E.
City of Whitewater
312 West Whitewater Street
Whitewater, WI 53190

Re: Well No. 5 Filter Failure Project Alternatives
City of Whitewater, Wisconsin (City)

Dear Brad,

On August 19, 2026, while reviewing and assisting the City in diagnosing the cause of increased sand in the distribution system around the Starin Park Water Treatment Plant (WTP), it was discovered that there was an apparent failure in the Well No. 5 filter system. The purpose of this letter is to describe the failure of the filter vessel, review the history of the site, present potential alternatives for the site from short- and long-term perspectives, and summarize a potential project schedule.

Summary of Well No. 5 Filter Failure

Figure 1 shows the Well No. 5 underdrain system, and Figure 2 shows a photograph looking down into Filter Cell No. 4 of the filter vessel. As shown in Figure 1, there is a large amount of filter media located throughout the underdrain system and a large pile located at the end of the filter vessel below Filter Cell No. 4. In Figure 2, gravel is visible along the filter wall separating Filter Cell Nos. 3 and 4. The filter media in Filter Cell No. 4 is also approximately 24 inches lower than the filter media in Filter Cell No. 3.



Source: Strand

Figure 1 Filter Underdrain

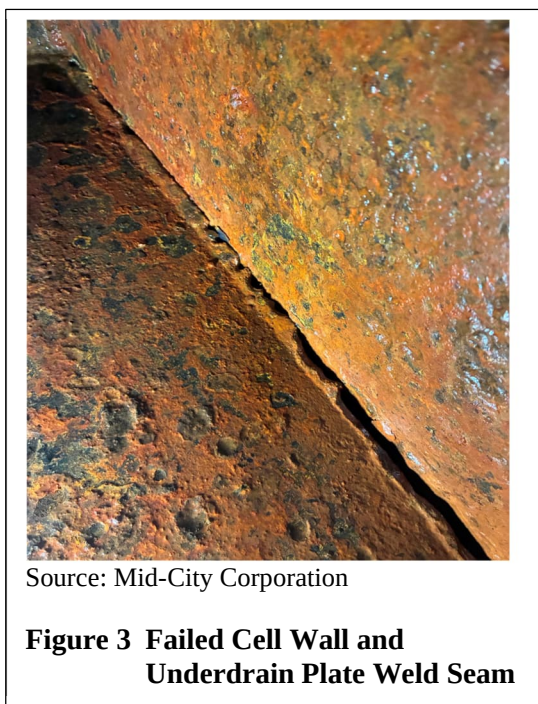


Source: Strand

Figure 2 Filter Cell 4 Sidewall

Mr. Brad Marquardt
City of Whitewater, Wisconsin
Page 2
September 29, 2026

Since the failure was discovered, the City has removed the media from the entire filter vessel and cleaned the interior of the filter. Mid-City Corporation inspected the interior of the vessel. Figures 3 and 4 show the weld failure and condition of the underdrain plate.



The inspection reviewed the following conditions.

- The underdrain plate throughout all four cells has significant pitting and is in poor condition.
- The tank walls appear to be in fair condition with moderate pitting.
- The filter vessel has significant staining and it does not appear the interior wet of the tank has a coating.

Starin Park WTP Site History

This site currently houses Well Nos. 5 and 7, and both wells are routed to the Starin Park WTP. Well No. 5 is located immediately outside the WTP and pumped to the WTP, while Well No. 7 is located a few thousand feet north of the WTP and pumped to the WTP.

The WTP site history includes the decommissioned Starin Park Elevated Tank, constructed in 1889; the recently demolished Starin Park Ground Level Reservoir, constructed in 1889; and several iterations of well and WTP facilities. The WTP has had several modifications and additions in 1949, 1972, and 1996 to add or modify treatment at the WTP for separate treatment systems of Well Nos. 5 and 7.

The *Well No. 7 Modifications Preliminary Design Report* prepared by Strand Associates, Inc.[®] (Strand) in May 2023 reviewed the Starin Park WTP and had the following comments:

- There are portions of the facility that are more than 75 years old, and an entire WTP replacement should be considered in the future.

Mr. Brad Marquardt
City of Whitewater, Wisconsin
Page 3
September 29, 2026

- The Well No. 5 filter vessel is approaching its anticipated service life, and replacement may be required between 2029 and 2049.
- The WTP generator and chemical rooms do not meet the Wisconsin Department of Natural Resources (WDNR) Codes Natural Resources (NR) 811.27(1)(a) and NR 811.51(2)(a), respectively.
- The WTP generator is original to the 1972 construction and is past its anticipated useful service life.
- The WTP electrical equipment is 28 years old, which has an anticipated useful service life of 30 years.

Given the current conditions and review performed in 2023, the entire site should be considered when reviewing alternatives for repairing the Well No. 5 filter vessel.

Project Alternatives

A. Planning Considerations

Given the age of the condition of the filter vessel and facility, the City should began planning for a full facility replacement in the next 5 to 10 years. The City's last Utility Master Plan was prepared by Strand in 2017. Strand and WDNR recommend performing a water system master plan every 10 years; therefore, the next water system master plan is due in 2027. That plan should include a more comprehensive review of the entire water system and review the long-term outlook of the Well Nos. 5 and 7 WTP.

B. Anticipated Long-Term Project Alternatives

While the upcoming 2027 water system master plan should include a comprehensive review of each alternative, at a minimum, the following alternatives should be considered.

1. Alternative No. 1–Filter Vessel Replacement Only

Alternative No. 1 considers only replacing the existing filter vessel and not providing any modifications or replacements of the existing WTP. Because the existing filter system does not have automatic valves, a filter control panel, or an airwash system for the backwash, some new features would be anticipated. This scope of work for this project includes the following components:

- Temporarily bracing the structure and creating an opening to remove the existing vessel
- Removing the existing filter vessel.
- Installing a new filter vessel with pneumatic valves, air blower, air compressor, and filter control panel.
- Accommodating mechanical, electrical, and plumbing modifications necessary to complete work.

This alternative could be expanded to include replacing equipment and electrical gear within the entire WTP, but depending on the extent of modifications and replacements that are included, additional building code and WDNR requirements could be triggered, which would further expand this project and project cost. If additional work is included in this alternative, it could impact operation of Well Nos. 5 and 7 at the same time, so system needs and construction sequencing would also need to be reviewed to determine viability of adding scope to this alternative.

Mr. Brad Marquardt
City of Whitewater, Wisconsin
Page 4
September 29, 2026

2. Alternative No. 2–Partial Well No. 5 Facility Replacement

Alternative No. 2 considers leaving the northern portion of the building, which includes the maintenance garage, chemical room, administrative area, and Well No. 7 treatment plant, in place and replacing only the southern half of the WTP, which includes the Well No. 5 filter area and generator. The viability of this option should be reviewed in the upcoming 2027 water system master plan. The following items should be reviewed before pursuing this alternative:

- To what extent will the WDNR make the City modify nonconforming features anticipated to remain that do not currently meet WDNR code?
- How will Well No. 7 remain in service during the construction project? Electrical for Well No. 7 is fed through the southern portion of the building and finished water for Well No. 7 is routed through the southern portion of the building.
- What features and equipment should be replaced within the Well No. 7 facility?

This alternative could be expanded to include replacing equipment and electrical gear within the entire WTP, but depending on the extent of modifications and replacements that are included, additional building code and WDNR requirements could be triggered, which would further expand this project and project cost. Similar to Alternative No. 1, simultaneous impact to the operation of both Well No. 5 and 7 during construction is possible and should be considered.

3. Alternative No. 3–Starin Park WTP Facility Replacement

Alternative No. 3 considers constructing a new WTP immediately west of the site where the old Starin Park Reservoir was recently demolished. Well Nos. 5 and 7 could remain online and in service during construction, and only a short shutdown for each well would be required to tie into the new building. This facility would include the following features:

- WTP Filtration Systems for Well Nos. 5 and 7
- Separate Chlorine and Fluoride Rooms
- Standby Power
- Electrical and Mechanical Rooms
- Office Space
- Bathroom
- Storage Room

C. Anticipated Long-Term Project Alternatives Summary

The upcoming 2027 water system master plan should include comprehensive review of each alternative to review Opinions of Probable Construction Cost (OPCC), present worth evaluation, and project viability. The project unknowns for Alternative Nos. 1 and 2 are significant, as such, the confidence in the OPCC is low. Table 1 in the following summarizes preliminary OPCC and project durations for each alternative.

Mr. Brad Marquardt
 City of Whitewater, Wisconsin
 Page 5
 September 29, 2026

	Low OPCC	High OPCC	Project Duration
Alternative No. 1–Filter Vessel Replacement Only	\$2,000,000	\$3,000,000	2 to 3 years
Alternative No. 2–Partial Well No. 5 Facility Replacement	\$5,000,000	\$10,000,000	3 years
Alternative No. 3–Starin Park WTP Facility Replacement	\$9,000,000	\$14,000,000	3 to 4 years

Table 1 Long-Term Project Summary

Given that the proposed alternatives have a project duration of approximately 3 to 4 years and the City needs Well No. 5 in operation to allow them to meet its current system demands and maintenance needs of other facilities, the City needs to also consider immediate, short-term options that allow Well No. 5 to be put back into service until a long-term solution can be implemented.

Short-Term Alternatives

There are two short-term alternatives the City can consider for putting the Well No. 5 filter back into service.

1. Alternative No. 1–Underdrain Repairs: The first alternative includes the following project components.
 - a. Repair the failed weld seam in Filter Vessel Cell No. 3.
 - b. Provide support welds along the underdrain plate and cell walls in all four cells.
 - c. Surface prepare and coat the entire interior of the filter vessel.
 - d. Provide new filter media.
2. Alternative No. 2–Underdrain Replacement: The second alternative includes the following project components.
 - a. Remove the underdrain plate in its entirety.
 - b. Surface prepare and coat the entire interior of the filter vessel.
 - c. Provide a concrete underdrain system designed by filter manufacturer.
 - d. Provide new filter media.

Alternative No. 1 has the lowest OPCC but has the highest risk. There two main risks include:

1. The underdrain plate is in poor condition and has excessive pitting. Surface preparing and coating this underdrain plate will provide some benefit; however, many pits are larger than recommended to be filled with a coating. Typically, large pits are steel filled and then coated, but there are too many deep pits for this to be cost viable, especially for a short-term solution.
2. The weld repair and bracing along the entire underdrain plate and cell wall interface should help prevent the failure that occurred in Cell No. 3 from happening again in the rest of the filter; however, with the condition of the underdrain plate, the extent that this preventative support and bracing helps is unknown.

Mr. Brad Marquardt
City of Whitewater, Wisconsin
Page 6
September 29, 2026

With this the City would hope to get 3 to 5 years out of this repair before implementing one of the long-term project alternatives. The contractors that Strand has discussed this project with said that they would not provide a warranty on the repair work for this option, so while 3 to 5 years would be a good goal, this alternative does carry risk the City would need to consider.

Alternative No. 2 has a higher OPCC, and it eliminates the two main risk factors present in the first alternative, but it is not a common fix and the long-term viability of the solution is unknown. The City would hope to get 5 to 10 years out of this repair and a contractor's 1-year standard warranty should be incorporated into the project.

Table 2 includes the project summaries and anticipated project costs for both alternatives. The OPCC also include the costs that have already been spent on filter media removal and disposal and inspection of the vessel, but they do not include engineering services.

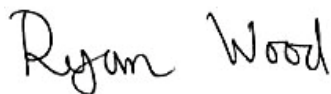
	Low OPCC	High OPCC	Project Duration
Alternative No. 1–Underdrain Repairs	\$190,000	\$240,000	2 to 3 months
Alternative No. 2–Underdrain Replacement	\$300,000	\$390,000	3 to 6 months

Table 2 Short-Term Project Alternatives Summary

Please call 608-251-4843 if the City would like to discuss these alternatives in more detail or if additional information would be helpful as the City considers next steps for the Starin Park WTP.

Sincerely,

STRAND ASSOCIATES, INC.®



Ryan D. Wood, P.E.

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Public Works Agenda Item

Meeting Date:	October 13, 2026
Agenda Item:	Amendment No. 1 to T.O. 25-01
Staff Contact (name, email, phone):	Brad Marquardt, bmarguardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

(Enter the who, what when, where, why)

Amendment No. 1 to Task Order 25-01 is for additional work associated with repairing the Well 5 Filter Tank. Work includes coordinating required work with contractors, additional construction administration, and estimated 12 site visits during the construction process.

The Amendment also updates the completion date under the Schedule Section to May 31, 2027. The completion of the Well 7 Modification Project has been put on hold with Well 5 out of service. To complete the final items on the Well 7 Project, Well 7 needs to come offline for a period of time. Staff does not want to take another well offline unless absolutely necessary while Well 5 is out of service.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

Task Order 25-01 was originally approved by the Public Works Committee and Council in February 2025.

FINANCIAL IMPACT

(If none, state N/A)

The Amendment raises the compensation from an estimated not to exceed cost of \$75,000 to \$105,000. An increase of \$30,000.

STAFF RECOMMENDATION

Staff recommends a motion to recommend approval of Amendment No. 1 to Task Order 25-01 and forward to Council.

ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. Amendment No. 1



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 Madison, WI 53715
 (P) 608.251.4843
 www.strand.com

Amendment No. 1 to Task Order No. 25-01
 City of Whitewater, Wisconsin (OWNER)
 and Strand Associates, Inc.® (ENGINEER)
 Pursuant to Agreement for Technical Services dated December 30, 2020

This is Amendment No. 1 to the referenced Task Order.

Project Name: Well No. 7 Modifications and Starin Park Reservoir Demolition

Under **Scope of Services**, ADD the following:

- “10. Prepare a cost request to send to contractor for a filter underdrain repair at the Well No. 5 filter vessel located at the Starin Park water treatment plant to be contracted separately from the Well No. 7 contract.
- 11. Provide up to 20 hours of additional construction administration assistance related to Item No. 10.
- 12. Provide resident project representative to conduct the following anticipated site visits (with six hours anticipated per visit):
 - a. One visit to observe underdrain demolition.
 - b. Four visits to observe surface preparation and coatings of the interior wet surfaces of the vessel. ENGINEER will not enter the vessel for these observations.
 - c. Two visits to observe underdrain lateral piping, nozzle, and concrete installation.
 - d. Two visits to observe media installation.
 - e. One visit for start-up and testing of the Well No. 5 filter vessel.
 - f. Up to two additional visits if requested by OWNER.”

Under **Compensation**, CHANGE \$75,000 to “\$105,000.”

Under **Schedule**, CHANGE December 31, 2025, to “May 31, 2027.”

TASK ORDER AMENDMENT AUTHORIZATION AND ACCEPTANCE:

ENGINEER:

OWNER:

STRAND ASSOCIATES, INC.®

CITY OF WHITEWATER, WISCONSIN

 Joseph M. Bunker
 Corporate Secretary

 Date

 John Weidl
 City Manager

 Date

RDW c:\gR_MAD\Documents\Agreements\W\Whitewater, City of (WI)\ATS 2021\TO\2025\Amd1-407 146 25-01_1.docx