



N64W23760 Main Street  
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**AGENDA PUBLIC WORKS COMMITTEE  
VILLAGE OF SUSSEX  
6:00 P.M. TUESDAY, MARCH 4, 2025  
SUSSEX CIVIC CENTER- VILLAGE BOARD ROOM 2<sup>nd</sup> FLOOR  
N64W23760 MAIN STREET**

Pursuant to the requirements of Section 19.84, Wis Stats., notice is hereby given of a meeting of the Sussex PW Committee, at which a quorum or negative quorum of the Village Board may attend in order to gather information about a subject which they have decision making responsibility. The meeting will be held at the above noted date, time, and location. Notice of Quorum, (Chairperson to announce the following if a quorum/negative quorum of the Village Board is in attendance at the meeting: Please let the minutes reflect that a quorum/negative quorum of the Village Board are present and that the Village Board members may be making comments as part of any public comments sections, public hearings, or if the rules are suspended to allow them to do so.)

1. Roll call.
2. Consideration and possible action on minutes of the February 4, 2025 Public Works meeting.
3. Consideration and possible action on bills for payment.
4. Consideration and possible action on Sidewalk and Street Items:
5. Consideration and possible action on Utility Items:
  - A. Update on Painting bids for WWTF
  - B. Replacement of intermediate lift pump at WWTF
6. Consideration and possible action on Other Public Works Items
7. Staff report, updates, and possible action regarding subdivision, developments, and projects:
  - A. Engineer's Report
8. Other discussions for future agenda topics
9. Adjournment.

Scott Adkins  
Chairperson

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Jeremy Smith  
Village Administrator

Please note that, upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, contact the Village Clerk at 246-5200.

**VILLAGE OF SUSSEX  
SUSSEX, WISCONSIN**

**Minutes of the Public Works Committee of  
February 4, 2025**

**1. Roll Call:**

The meeting was called to order by Trustee Adkins at 6:04pm.

Members present: Village President Anthony LeDonne, Trustee Scott Adkins, Trustee Lee Uecker, and Member John Gorman

Members absent: Trustee Ben Jarvis

Also present: Assistant Village Administrator Katherine Gehl, Village Administrator Jeremy Smith, Village Engineer/Public Works Director Judith Neu, and Asst. Director of Public Works Jon Baumann

A quorum of the Village Board was not present at the meeting.

**2. Consideration and possible action on minutes:**

A motion by Uecker, seconded by LeDonne to approve the December 3, 2024 meeting minutes as presented.  
Motion carried 4-0

**3. Consideration and possible action on bills for payment:**

A motion by Uecker, seconded by LeDonne to recommend to the Village Board approval of bills for payment in the amount of \$19,596.25.  
Motion carried 4-0

**4. Consideration and possible action on Sidewalk and Street Items:**

A motion by Uecker, seconded by LeDonne to recommend to the Village Board approval of four contracts to be awarded for the 2025 road program project as listed in the memo from the Village Engineer for a total cost of \$7,951,388.53 plus a standard 10% contingency for a total project allocation of \$8,746,527.38.

Motion carried 4-0

**5. Consideration and possible action on Utility Items:**

A. A motion by LeDonne, seconded by Uecker to recommend to the Village Board approval of the 2025 Water Meter Purchases for a total cost of \$98,051.00. The approval will not affect sewer rates.

Motion carried 4-0

B. A motion by Uecker, seconded by LeDonne to recommend to the Village Board approval of the 2025 Water Pollution Control Facility Upgrades Project contracts for a total cost of \$2,922,500.00 plus a standard 10% contingency for a total allocation of \$3,214,750.00.

Motion carried 4-0

**6. Consideration and possible action on Other Public Works Items:**

None

**7. Staff Reports, update and issues, and possible action regarding subdivision, developments, and projects:**

A. Ms. Neu summarized the Engineer's Report included in the meeting packet.

B. A motion by Adkins, seconded by Gorman to recommend to the Village Board approval of Resolution 25-02, Acceptance of Improvements for Redford Hills Subdivision.

Motion carried 4-0

C. A motion by Adkins, seconded by Gorman to recommend to the Village Board approval of Resolution 25-03, Acceptance of Improvements for Highlands Business Park.

Motion carried 4-0

**9. Other discussion for future agenda topics**

None

**10. Adjournment**

A motion by Adkins, seconded by Uecker to adjourn the meeting at 7:14p.m.

Motion carried 4-0

Respectfully submitted,  
Jennifer Moore  
Village Clerk

DRAFT

VILLAGE OF SUSSEX  
PUBLIC WORKS COMMITTEE  
BILLS FOR PAYMENT

2/25/2025

VENDOR	AMOUNT		%COMPLETED	NOTES
Powrtek Engineering, Inc	\$ 540.00	Design of Emergency Generators	67.0%	
Cedar Corp	\$ 3,312.50	Village Park Projects, Weaver Dr, Park Shop, Pavilion, Storm Pond	98.2%	
Trotter and Associates, Inc	\$ 8,987.75	2025 WPCF Upgrades(Design)	99.6%	
RA Smith	\$ 712.83	Vista Run Phase 3 Development	Ongoing	

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TOTAL \$ 13,553.08



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## MEMORANDUM

To: Public Works Committee  
From: Judith A. Neu, Village Engineer  
Date: February 24, 2025

**Re: 2025 Water Pollution Control Facility Upgrades Project – Paintings and Coatings**

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At the February PW Committee meeting, we discussed that the costs for Paintings and Coatings (Alternate B) ranged from \$1.2 to \$1.3 Million with the bids received on January 23, 2025. That work included:

- Inner tertiary filter cell walls (floor to rim).
- Backwash holding tank walls.
- Walls and floors in the filter room.
- Walls, Ceiling, floors, piping and equipment in the Grit Room.

Our top priority is to have the inner walls of the tertiary filters painted to preserve and protect the concrete from further deterioration, particularly below the water line. These filters need to be painted as part of the overall rehabilitation project because we will be removing the media and the filter nozzles as part of this project. To removal all of this again later would cost several hundred thousand dollars. Staff and Trotter feel that the rest of the painting could be done at some point in the future without jeopardizing the structural integrity of those areas.

Staff and Trotter also met individually with 4 painting contractors to get their feedback on how the filter cell coatings could be done most economically. The contractors suggested:

- Only paint to the water line (coatings above that level are still in fairly good condition).
- Allow the filters to be out of service for a longer duration. The original contract allowed two of the 4 cells to be out of service for 21 days. By allowing a longer down-time period, the work on all 4 cells could be done in one mobilization. The contractors stated that 90% of the labor is in getting these tanks prepped for painting.
- The contractors all agreed that the preparation and coatings specified for the cells was the right way to protect these cells, and have provided a budget number of about \$350,000 for the work.

Therefore, staff recommends that we rebid the painting separately with a much reduced scope of work to only include the inner walls of the filter tanks to the water line, and allow the mechanical contractor (Sabel) and the painting contractor to work together on the project and have a combined 4 months to complete the work on the filters.

If the Committee agrees, we intend to bid the painting and coating work in March and open in time to have the Board award the project at their March meeting.



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## MEMORANDUM

To: Public Works Committee  
From: Dustin Beckman, Wastewater Utility Foreman  
Date: 2/24/2025  
**Re: WWTF Intermediate Lift Pump #1**

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Intermediate lift pump #1 has seen a decline in pumping performance over the last couple years, potentially due to wear. The plant has three intermediate lift pumps that feed effluent water to the tertiary filters for further treatment. This process of filtration is essential for the plant to meet its DNR permit limits. These pumps have not been serviced since the 2008 upgrade. Staff have removed the pump and sent it to Fairbanks Nijhuis. Fairbanks will disassemble the pump and inspect all components.

LW Allen is the sole source of Fairbanks pumps in the state of Wisconsin and prepared the estimate for the repairs. This includes full replacement of wearable parts, painting, performance testing and installation. The estimate for repairs was \$75,895.00. This estimate includes a new propeller and depending on the current one's condition it may lower the potential cost. The cost may also increase if other components show significant wear.

The motor was sent to Badger Electric Motor to be cleaned, inspected and wearable parts replaced. The quote for inspection and repairs was \$2,450.00. This cost may increase if additional repairs are needed.

Estimate cost for rebuilding:

Rebuild of ILP #1:	\$75,895.00
Rebuild of ILP #1 Motor:	<u>\$2,450.00</u>
Total rebuild cost:	\$78,345.00

The rebuild of Intermediate Lift Pump #1 was approved in the 2025 budget at \$90,000.

With large pumps and motors like these you don't know the cost of repairs until they are taken apart at the repair facility. It is almost always significantly more cost effective at this part of the life cycle of the pump and motor to have them rebuilt than buy a new one.

Staff is updating the Public Works Committee about this budgeted project and repairs are estimated at 10-12 weeks depending on approval of the scope of work after initial inspections. Staff will update the Public Works Committee on the final costs of the work once completed.

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**Date:** February 25, 2025  
**To:** Public Works Committee  
**From:** Judith A. Neu, Village Engineer  
**Subject:** Engineering Monthly Report – March 2025

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- We've used 923.64 tons of salt so far this year. For comparison, as of March 1, 2023, we had used 1044.5 Tons and as of March 1, 2024, we had used 811 Tons.
- Staff completed Crossing Inventory forms for the existing Railroad Quiet Zone on the Canadian National Tracks. These forms must be completed every 3 years.
- Generator Project: Generators have been ordered. We are waiting for the delivery schedule from the manufacturer. There will be interior work happening at the buildings, particularly PSB, in March and April ahead of the generator installation.
- Spring Weight Restrictions for our roads will begin soon. This helps prevent deterioration of the roads while the frost is working its way out of the ground.
- The Neighborhood Meeting for the 2025 Road Project has been scheduled for Wednesday March 19, 2025. We'll be making presentations at 4:30 PM and 5:30 PM and will be available between presentations to have one-on-one conversations with residents about the impact on their property. Board and Committee members are encouraged to attend.

Developments:

- Golden Fields: Top lift of asphalt has been installed. We are working through punch list items.
- Wildflower Phase 1: Developer's Agreement discussions continue. We are making progress. Staff reviewed construction plans and are waiting for revisions.
- Vista Run: We are expecting to build another phase of this subdivision this year.