



N64W23760 Main Street
Sussex, Wisconsin 53089
Phone (262) 246-5200
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Email: info@villagesussex.org
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**AGENDA PUBLIC WORKS COMMITTEE
VILLAGE OF SUSSEX
6:00 PM TUESDAY, NOVEMBER 1, 2022
SUSSEX CIVIC CENTER- VILLAGE BOARD ROOM 2nd FLOOR
N64W23760 MAIN STREET**

Pursuant to Section 19.84, Wis. Stats., notice is hereby given of a meeting of the Sussex Public Works Committee, at which a quorum of the Village Board may attend in order to gather information about a subject which they have decision making responsibility. If a Quorum of the Village Board is present the Chairman shall note that a quorum of the Village Board is present and that the Village Board members may be making comments if the rules are suspended to allow them to do so.)

1. Roll call.
2. Consideration and possible action on minutes of the October 4, 2022 Public Works meeting.
3. Comments from Citizens
4. Consideration and possible action on bills for payment.
5. Consideration and possible action on Utility Items:
 - A. Woodside Water Tower Repair
 - B. Sludge Removal Contract
6. Consideration and possible action on Sidewalk and Street Items:
 - A. Civic Center Pedestrian Bridge
7. Consideration and possible action on Other Public Works Items:
8. Staff report, update and issues, and possible action regarding subdivision, developments, and projects:
 - A. Engineer's Report
9. Other discussions for future agenda topics

10. Adjournment

Scott Adkins
Chairperson

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.

**DISCLAIMER- THE FOLLOWING ARE DRAFT MINUTES FROM
THE PUBLIC WORKS COMMITTEE AND ARE
SUBJECT TO CHANGE UPON APPROVAL**

**VILLAGE OF SUSSEX
SUSSEX, WISCONSIN**

**Minutes of the Public Works Committee of
October 4, 2022**

1. Roll Call:

The meeting was called to order by Trustee Adkins at 6:00PM.

Members present: President Anthony LeDonne, Trustee Lee Uecker, Trustee Scott Adkins, and Trustee Benjamin Jarvis (arrived at 6:18pm).

Members Excused: Member Keith Markano

Also present: Assistant Village Administrator Kelsey McElroy-Anderson, Village Administrator Jeremy Smith, Village Engineer/Public Works Director Judith Neu, Village Clerk Jennifer Moore and members of the Public.

A quorum of the Village Board was present at the meeting.

2. Consideration and possible action on minutes:

A motion by Uecker, seconded by LeDonne to approve the September 6, 2022 meeting minutes as presented.

Motion carried 3-0

3. Comments from Citizens: None

4. Consideration and possible action on bills for payment:

A motion by Adkins, seconded by LeDonne to recommend to the Village Board approval of bills for payment in the amount of \$27,621.10.

Motion carried 3-0

5. Consideration and possible action on Utility Items:

A. A motion by Adkins, seconded by Uecker to approve the Waukesha County Salt Agreement.

Motion carried 3-0

B. A motion by Adkins, seconded by LeDonne to approve the Stormwater Credit for property at N68W25424 Sliver Spring Dr.

Motion carried 3-0

C. A motion by Adkins, seconded by Uecker to approve the Highlands A Stormwater Easement.

Motion carried 3-0

6. Consideration and possible action on Sidewalk and Street Items:

7. Consideration and possible action on Other Public Works Items:

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

A. Engineer's Report

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

9. Other discussion for future agenda topics: None

10. Adjournment

A motion by Adkins, seconded by Uecker to adjourn the meeting at 6:36pm

Motion carried 4-0

Respectfully submitted,

Jeremy Smith
Village Administrator

VILLAGE OF SUSSEX

PUBLIC WORKS COMMITTEE

BILLS FOR PAYMENT

11/1/2022

VENDOR	AMOUNT		%COMPLETED	NOTES
CHARTER COMMUNICATIONS	\$ 47,076.67	TIF 7 - HIGHLANDS BUSINESS PARK II - DRAW 5	ONGOING	PREPAID - DUE DATE
GLOBE CONTRACTORS	\$ 63,173.00	CTH VV (MAIN STREET) & PLAINVIEW ROAD - 8/13-10/12/2022	74.0%	
PSI	\$ 4,500.00	2023 SUSSEX ROAD PROGRAM - GEOTECHNICAL SERVICES	ONGOING	PREPAID - DUE DATE
R A SMITH	\$ 282.75	VISTA RUN PHASE 1 - PROF. SERV. 9/1-30/2022	ONGOING	BILL TO DEVELOPER: NEUMANN
RUEKERT & MIELKE, INC.	\$ 2,696.00	WATER MODELING - PROF. SERV. 4/27-9/9/2022	8.2%	
RUEKERT & MIELKE, INC.	\$ 2,946.75	GIS ANNUAL SERVICES	ONGOING	
RUEKERT & MIELKE, INC.	\$ 363.00	SUSSEX COMMERCE - THE HIGHLANDS - PROF. SERV. 8/9 - 9/9/2022	ONGOING	BILL TO DEVELOPER: WANGARD PARTNERS, INC.
RUEKERT & MIELKE, INC.	\$ 82.25	SUSSEX COMMERCE - THE HIGHLANDS - PROF. SERV. 8/9 - 9/9/2022	ONGOING	BILL TO DEVELOPER: WANGARD PARTNERS, INC.
SIGMA GROUP	\$ 2,640.00	TIF 7 - HIGHLANDS BUSINESS PARK II - DRAW 5	ONGOING	PREPAID - DUE DATE
VEIT & COMPANY	\$ 24,030.00	TIF 7 - HIGHLANDS BUSINESS PARK II - DRAW 5	ONGOING	PREPAID - DUE DATE
TOTAL	\$ 147,790.42			



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MEMORANDUM

To: Sussex Village Board
From: Dennis Wolf, Assistant Public Works Director Operations
Date: 10/25/2022
Re: Woodside Tower Riser Pipe Repair

In mid-August, a leak in the riser pipe at the Woodside water tower developed at a welded joint of the pipe. The riser pipe carries water into, and out of the storage bowl of the tower. A temporary patch was installed on the ¼” hole to stop the leak. Upon further inspection, various other locations on the pipe appear to be in poor condition as well.

Two quotes were received to install approximately 25 feet of new 12-inch pipe, a new expansion joint to allow for pipe movement, and two new connection spools to reconnect to the sections of pipe that remain in place. The quotes include labor, materials, and painting of the new pipe.

Mid-City	\$42,400
Veolia-Utility Services	\$30,000
Ahern	No quote provided
CTW Corporation	No quote provided

Staff recommends approving the proposal from Veolia-Utility Services. Funds for the repair would be taken from 2022 water tower budget.



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MEMORANDUM

To: Public Works Committee
From: Dennis Wolf, Assistant Public Works Director Operations
Date: 10/24/2022
Re: WWTP Sludge Hauling

In March 2019, the Village Board approved a contract with Badger State Waste to haul bio-solids from the Wastewater Treatment Plant to farmer's fields. A three-year contract was approved, with options for the following two years in 2022 and 2023.

For 2023, Badger State Waste has rescinded their option rights, and asked to renegotiate the pricing.

Staff contacted several other bio-solid hauling companies to get comparison pricing for 2023.

United Waste – Currently not taking on new clients
Clean Harbors – Did not respond to our request.
Biotech – Proposed hauling at a cost of \$ 0.075 per gallon
Badger State Waste – Proposed hauling at a cost of \$ 0.045 per gallon.

Staff also requested a proposal beyond 2023 from Badger State Waste, who proposed another three-year contract with a two-year mutual renewal option for 2026 and 2027.

The pricing is as follows:
2023 - \$.045 per gallon
2024 - \$.048 per gallon
2025 - \$.05 per gallon

Mutual Option Year
2026 - \$.055 per gallon
2027 - \$.06 per gallon

Badger State Waste will also take care of soil sampling, calculation rates, and record keeping for all annual DNR reporting forms.

A fuel surcharge will added when fuel is over \$4.00 per gallon, which was in place during the previous contract. The surcharge chart is attached for reference.

Staff recommends approving a new three-year contract with Badger State Waste for 2023, 2024 and 2025 with the two-year mutual renewal options in 2026 and 2027.

Fuel Surcharge Table for Fuel over \$4.00

****Based on Midwest Diesel Fuel Average on Monday**

4/26/2022

\$ 4.00	\$ 4.05	0.75%	\$ 5.01	\$ 5.05	15.75%	\$ 6.01	\$ 6.05	30.75%
\$ 4.06	\$ 4.10	1.50%	\$ 5.06	\$ 5.10	16.50%	\$ 6.06	\$ 6.10	31.50%
\$ 4.11	\$ 4.15	2.25%	\$ 5.11	\$ 5.15	17.25%	\$ 6.11	\$ 6.15	32.25%
\$ 4.16	\$ 4.20	3.00%	\$ 5.16	\$ 5.20	18.00%	\$ 6.16	\$ 6.20	33.00%
\$ 4.21	\$ 4.25	3.75%	\$ 5.21	\$ 5.25	18.75%	\$ 6.21	\$ 6.25	33.75%
\$ 4.26	\$ 4.30	4.50%	\$ 5.26	\$ 5.30	19.50%	\$ 6.26	\$ 6.30	34.50%
\$ 4.31	\$ 4.35	5.25%	\$ 5.31	\$ 5.35	20.25%	\$ 6.31	\$ 6.35	35.25%
\$ 4.36	\$ 4.40	6.00%	\$ 5.36	\$ 5.40	21.00%	\$ 6.36	\$ 6.40	36.00%
\$ 4.41	\$ 4.45	6.75%	\$ 5.41	\$ 5.45	21.75%	\$ 6.41	\$ 6.45	36.75%
\$ 4.46	\$ 4.50	7.50%	\$ 5.46	\$ 5.50	22.50%	\$ 6.46	\$ 6.50	37.50%
\$ 4.51	\$ 4.55	8.25%	\$ 5.51	\$ 5.55	23.25%	\$ 6.51	\$ 6.55	38.25%
\$ 4.56	\$ 4.60	9.00%	\$ 5.56	\$ 5.60	24.00%	\$ 6.56	\$ 6.60	39.00%
\$ 4.61	\$ 4.65	9.75%	\$ 5.61	\$ 5.65	24.75%	\$ 6.61	\$ 6.65	39.75%
\$ 4.66	\$ 4.70	10.50%	\$ 5.66	\$ 5.70	25.50%	\$ 6.66	\$ 6.70	40.50%
\$ 4.71	\$ 4.75	11.25%	\$ 5.71	\$ 5.75	26.25%	\$ 6.71	\$ 6.75	41.25%
\$ 4.76	\$ 4.80	12.00%	\$ 5.76	\$ 5.80	27.00%	\$ 6.76	\$ 6.80	42.00%
\$ 4.81	\$ 4.85	12.75%	\$ 5.81	\$ 5.85	27.75%	\$ 6.81	\$ 6.85	42.75%
\$ 4.86	\$ 4.90	13.50%	\$ 5.86	\$ 5.90	28.50%	\$ 6.86	\$ 6.90	43.50%
\$ 4.91	\$ 4.95	14.25%	\$ 5.91	\$ 5.95	29.25%	\$ 6.91	\$ 6.95	44.25%
\$ 4.96	\$ 5.00	15.00%	\$ 5.96	\$ 6.00	30.00%	\$ 6.96	\$ 7.00	45.00%



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MEMORANDUM

To: Public Works Committee
From: Judith A. Neu, Village Engineer
Date: October 25, 2022
Re: Civic Center Pedestrian Bridge

The short pedestrian bridge between the Civic Center and the Associated Bank parking lot has been closed for safety reasons. Staff hired raSmith to inspect the bridge in mid-October after noting that the beams holding up the walking surface appeared to be significantly deteriorated. Staff asked raSmith to determine if the bridge could handle pedestrian loading given its current condition. raSmith's structural engineer inspected the bridge and recommended immediate closure because "the structural integrity of the superstructure was completely compromised and could no longer resist safe pedestrian loading". The bridge is 60 – 70 years old. See attached photos of the bridge.

There are several options available to the Board to address this situation moving forward. The existing bridge should be removed, and the edge of the abutment should be secured with railings to prevent accidental falls. The cost for bridge removal is estimated at about \$5,000 to \$10,000, including permanent safety rails. At that point, we have several options available:

1. Replace the bridge with a similar style bridge in the existing location. The new bridge is estimated to cost about \$20,000-\$30,000, not including the removal costs.
2. Construct a paved pedestrian path from the bank parking lot to the northern pedestrian bridge located about 250 feet north of the unsound bridge. I have spoken to the bank manager, and he is not opposed to the path being constructed on their property. The path would be about 100 feet long and 8-10 feet wide. Public Works staff could pave the path in house. Materials would cost about \$4,000 - \$5,000. We may need to also rent a paver.
3. Do nothing. Assume people will either cross the stream on the Main Street sidewalk or walk through the lawns to the northern bridge.

Staff is looking for direction from the Committee and Board as to which option they would like us to pursue.

Civic Center Pedestrian Bridge.



Bridge Beam (north) before removal of scale.



Bridge beam (north) after removal of scale





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MEMORANDUM

To: Public Works Committee
From: Judith A. Neu, Village Engineer
Date: October 26, 2022
Re: Engineering Monthly Report – November 2022

CTH VV and Plainview Water Main:

- The Valve work along Waukesha Avenue has been ongoing for the last several weeks. The final work will be done the week of October 31st in the intersection of Waukesha Avenue and Silver Spring Drive. The intersection will be back open for full access on Monday November 7th. This is the last task necessary to complete the project.

Miscellaneous:

- Leaf collection is underway. Our goal is to make one pass through the Village every two weeks until the leaves stop falling. We make an announcement on the Village website and social media before we start the last pass.
- Badgerland/LRS garbage and recycling communications documents for residents are ready. There will be 2 direct mailings to residents from Badgerland, along with Village website and social media posts, and notices with the utility bills and with the tax bills.
- The County has finished their CTH K/Lisbon Road culvert project, and the road is open to traffic.
- Water Modelling work is moving forward, we should have results by the end of the year.
- The roof projects at the Treatment Plant and at Well 5 are nearly complete.
- Our 2003 Case Loader Backhoe sold for \$64,200. We purchased it new in 2003 for \$63,631.
- The Salem standpipe is out of service for routine internal cleaning. It should be back in service by early November.
- Radio communications have been established with the Lannon lift stations so we are being notified if/when problems occur.
- The Raw Sewage Pump #1 has been repaired and returned to service. The repair cost was \$97,955.

Developments:

- Vista Run: Curb installation is done in Phase 2. Paving is scheduled for mid to late October.
- Redford Hills: Utility installation is complete. Curb installation is scheduled for this week, with grading and paving in early November. The developer may also install the sidewalk this year.
- Highlands Court (Brown Farm): Grading is nearing completion, and restoration of some areas is done. Utility work has started should wrap up next week. The path from Business Drive to Redford Hills will be paved soon. The developer still anticipates having the road paved by mid-November.
- Silver Spring Water Main Extension, High School to Miller Way: We are still waiting for plan revisions. Lisbon has scheduled this for 2023 construction.

2023 Road Program:

- Staff has inspected the Mapleway Path and is discussing options for repairs. We've also reviewed the first set of plans for the project with further updates due in the coming weeks. We are on pace to be ready to bid in January.