



AGENDA OF THE IMPROVEMENT AND SERVICES COMMITTEE

WEDNESDAY, MAY 27, 2026, 5:00 PM

AMENDED

**In person at City Hall, Room 207
Virtual attendance also available via Zoom.**

A. Zoom Meeting Information.

- I. Join Zoom Meeting Online:
<https://us02web.zoom.us/j/81854963871?pwd=Rl6oaf6sldZsTO0DuM0FC8MeAq4j57.1>

Or call in by phone: +1 312 626 6799
Meeting ID: 818 5496 3871
Passcode: 820177

If you wish to leave a comment for this public meeting, please fill out the online [Comment Form](#) prior to the meeting. More detailed [Zoom Instructions](#) can be found online.

B. Roll Call.

- I. Members: Melinda Eck, Ben Delie, Jim Ridderbush, Ben DeBaker

C. Approval of the Agenda.

- I. Approval of the agenda for the Wednesday, May 27, 2026, meeting of the Improvement & Services Committee.

D. Approval of Minutes.

- I. Approval of the minutes from the May 13, 2026, Improvement & Services Committee meeting.

E. Regular Business.

1. Consideration with possible action on a request by the Department of Public Works to amend City of Green Bay Ordinance Section 40-29(l) related to night parking.
2. Consideration with possible action on a request by the Department of Public Works to approve and submit to the Wisconsin Department of Natural Resources the annual electronic Compliance Maintenance Annual Report (eCMAR) and resolution approving the 2025 Compliance Maintenance Annual Report.
3. Consideration with possible action on a resolution delegating signatory authority to the Director of Public Works for certain agreements and contractual documents.
4. Consideration with possible action on a request by the Department of Public Works to award the contract for sewer root treatment services to Duke's Root Control, Inc. in the amount of \$111,542.64.
5. Consideration with possible action on a request by the Department of Public Works to award the contract for DPW / roof top solar design to Berners-Schober Associates, Inc. in the amount of \$53,000.00.
6. Consideration with possible action on a request by the Department of Public Works to approve the award of Sewers Lift Station SCADA Upgrade design to Strand Associates, Inc. in the amount of \$106,000.00.
7. Consideration with possible action on a request by the Department of Public Works to award the contract SEWERS 1-26 MARY STREET EXTENDED SANITARY SEWER REPAIRS to Visu-Sewer, LLC in the amount of \$721,199.00.
8. Consideration with possible action on a request by the Department of Public Works to award the contract RESURFACING 2-26 (INCLUDING SEWER & WATER) to Peters Concrete Company in the amount of \$2,761,544.70.
9. Consideration with possible action on a request by the Department of Public Works to award the contract FINGER ROAD/EAST TOWN WAY SIDEWALK to Vinton Construction Company in the amount of \$593,408.62.
10. Consideration with possible action on a request by the Department of Public Works to grant licenses for:
 - I. Sidewalk Builder
 - a. Elexco, Inc.
 - b. MP Concrete LLC
 - c. Parham Construction
 - d. Quality Asphalt of Green Bay LLC
 2. Tree & Brush Trimmer
 - a. Squirrely Dan's LLC
11. Consideration with possible action on a request by the Department of Public Works to award the contract PARKS 5-26 "WILDLIFE SANCTUARY-BIRDS OF PREY SITE

IMPROVEMENTS" to Vinton Construction Company in the amount of \$348,176.06.

12. Consideration with possible action on a request by the Department of Public Works to award the contract PARKS 4-26 "TED FRITSCH PARK SPLASH PAD" to 8PINE, Inc. in the amount of \$444,080.00.

F. Informational.

1. Director's Report on recent activities of the Public Works Department.
2. Next Meeting: June 10, 2026

G. Adjournment.

1. Adjournment of the Wednesday, May 27, 2026, meeting of the Improvement & Services Committee.

- 1) THIS MEETING IS RECORDED: THE VIDEO OF THIS MEETING AND MINUTES ARE AVAILABLE ONLINE AT www.greenbaywi.gov
- 2) ACCESSIBILITY: Any person wishing to attend who requires special accommodation because of a disability, should contact the City Safety Manager at 920-448-3125 at least 48 hours before the scheduled meeting time so that arrangements can be made.
- 3) QUORUM: Please take notice that a majority or quorum of the Common Council will attend this Improvement and Services Committee meeting and will constitute a meeting of the Common Council for purposes of discussion and information gathering relative to this agenda.
- 4) REPRESENTATION: The party requesting the communication, or their representative, should be present at this meeting.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # D.I

Approval of the minutes from the May 13, 2026, Improvement & Services Committee meeting.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. 05-13-2026



MINUTES OF THE IMPROVEMENT AND SERVICES COMMITTEE

WEDNESDAY, MAY 13, 2026, 5:00 PM
Immediately following Parks Committee.

In person at City Hall, Room 207
Virtual attendance also available via Zoom.

A. ZOOM MEETING INFORMATION.

- I. Join Zoom Meeting Online:

<https://us02web.zoom.us/j/81854963871?pwd=Rl6oaf6sldZsTO0DuM0FC8MeAq4j57.I>

Or call in by phone: +1 312 626 6799

Meeting ID: 818 5496 3871

Passcode: 820177

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B. ROLL CALL.

- I. Members: Melinda Eck, Ben Delie, Jim Ridderbush, Ben DeBaker

Present: Melinda Eck, Ben Delie, Jim Ridderbush, Ben DeBaker

Excused: None

Absent: None

C. APPROVAL OF THE AGENDA.

- I. Approval of the agenda for the Wednesday, May 13, 2026, meeting of the Improvement & Services Committee.

Moved by Ald. Ben Delie, seconded by Ald. Jim Ridderbush to approve the agenda for the May 13, 2026 meeting of the Improvement & Services Committee.

Motion carried.

Yes-Melinda Eck, Ben Delie, Jim Ridderbush, Ben DeBaker, No-None, Abstain-None.

D. APPROVAL OF MINUTES.

- I. Approval of the minutes from the April 29, 2026, Improvement & Services Committee meeting.

Moved by Ald. Ben DeBaker, seconded by Ald. Jim Ridderbush to approve the minutes from the April 29, 2026, Improvement & Services Committee meeting.

Motion carried.

Yes-Melinda Eck, Ben Delie, Jim Ridderbush, Ben DeBaker, No-None, Abstain-None.

E. REGULAR BUSINESS.

- I. Consideration with possible action on request by the Department of Public Works to enter into a Professional Design Services Agreement with JT Engineering, Inc. for design services for Bedford Road and Grandview Road in the amount of \$69,555.00.

Moved by Ald. Jim Ridderbush, seconded by Ald. Ben DeBaker to approve request by the Department of Public Works to enter into a Professional Design Services Agreement with JT Engineering, Inc. for design services for Bedford Road and Grandview Road in the amount of \$69,555.00.

Motion carried.

Yes-Melinda Eck, Ben Delie, Jim Ridderbush, Ben DeBaker, No-None, Abstain-None.

2. Consideration with possible action on request by the Department of Public Works to award the contract ATKINSON MARSH RESTORATION (AOC) PROJECT to Northeast Asphalt, Inc. in the amount of \$1,714,331.19.

Moved by Ald. Jim Ridderbush, seconded by Ald. Ben DeBaker to approve request by the Department of Public Works to award the contract ATKINSON MARSH RESTORATION (AOC) PROJECT to Northeast Asphalt, Inc. in the amount of \$1,714,331.19.

Motion carried.

Yes-Melinda Eck, Ben Delie, Jim Ridderbush, Ben DeBaker, No-None, Abstain-None.

3. Consideration with possible action on request by the Department of Public Works to grant licenses for:

I. Sidewalk Builder

- a. Global Concrete LLC
- b. E&I Concrete Construction
- c. Delahaut Custom Concrete LLC
- d. Blaser Construction LLC

Moved by Ald. Jim Ridderbush, seconded by Ald. Ben Delie to approve request by the Department of Public Works to grant licenses for:

I. Sidewalk Builder

- a. Global Concrete LLC
- b. E&I Concrete Construction
- c. Delahaut Custom Concrete LLC
- d. Blaser Construction LLC

Motion carried.

Yes-Melinda Eck, Ben Delie, Jim Ridderbush, Ben DeBaker, No-None, Abstain-None.

F. INFORMATIONAL.

1. Director's Report on recent activities of the Public Works Department.

A Directors Report was not shared.

2. Next Meeting: May 27, 2026

G. ADJOURNMENT.

1. Adjournment of the Wednesday, May 13, 2026, meeting of the Improvement & Services Committee.

Moved by Ald. Ben Delie, seconded by Ald. Jim Ridderbush to adjourn.

Motion carried.

Yes-Melinda Eck, Ben Delie, Jim Ridderbush, Ben DeBaker, No-None, Abstain-None.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.1

Consideration with possible action on a request by the Department of Public Works to amend City of Green Bay Ordinance Section 40-29(l) related to night parking.

BACKGROUND

This ordinance amendment clarifies procedures related to approval of overnight parking requests. This also adds the ability for the Improvement and Services Committee and Council to approve requests of more than two (2) weeks.

RECOMMENDATION

To approve the amended Ordinance text and forward to Council for appropriate readings and adoption.

FISCAL IMPACT

None

ATTACHMENTS

- I. G.O. Related to Night Parking

GENERAL ORDINANCE NO. 11-26

AN ORDINANCE
AMENDING SECTION 40-29(1),
GREEN BAY MUNICIPAL CODE,
RELATING TO NIGHT PARKING

THE COMMON COUNCIL OF THE CITY OF GREEN BAY DOES ORDAIN AS FOLLOWS:

SECTION 1. Section 40-29(1), Green Bay Municipal Code, is hereby created to read:

(1) *Night parking.*

- (1) *Prohibition.* Except as otherwise provided in this section, no vehicle **on any day** shall be parked on any City street between the hours of 3:00 a.m. and 5:00 a.m.
- (2) *Exception.* ~~A person~~ **Single-family and duplex residential units** may park a motor vehicle on a City street between the hours of 3:00 a.m. and 5:00 a.m. only under the following circumstances:
 - a. Parking Division approval is received prior to 2:00 a.m. or as soon as possible after the circumstance justifying the parking arises.
 - b. Approval will only be granted in certain exceptional instances, namely disabled vehicles, ~~lot/driveway~~ construction, houseguests, or other emergency situations. ~~for periods of up to two calendar weeks.~~
 - c. Prior Parking Division approval is required for each day the vehicle will be parked on the street between 3:00 a.m. and 5:00 a.m., unless ~~blanket~~ authorization **for consecutive days** is granted by the ~~Parking Division Manager~~ **Director of Public Works**.
 - d. A maximum of six (6) overnight on-street parking exceptions may be granted per property, per year. Each exception shall be approved for no more than two (2) calendar weeks.**
 - e. Requests for overnight on-street parking approval for more than two (2) weeks shall be presented to Improvements and Services Committee and approved by Common Council.**
 - f. Regardless of approval status, no vehicle shall be allowed to park on any street during a declared snow emergency.**

SECTION 2. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 3. Effective date. This ordinance shall take effect on and after its passage and publication.

Dated at Green Bay, Wisconsin, this _____ day of May, 2026.

APPROVED:

Eric Genrich, Mayor

law

[Date]



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

Valerie Joosten, Public Works Director

AGENDA ITEM # E.2

Consideration with possible action on a request by the Department of Public Works to approve and submit to the Wisconsin Department of Natural Resources the annual electronic Compliance Maintenance Annual Report (eCMAR) and resolution approving the 2025 Compliance Maintenance Annual Report.

BACKGROUND

Each year the City is required to submit an annual report, known as the electronic Compliance Maintenance Annual Report (eCMAR), to Wisconsin Department of Natural Resources for the City's sanitary sewer collection system. A resolution is required for Council approval of the report prior to submittal to WDNR by the Public Works Director. These actions are necessary to maintain compliance with the requirements of ch. NR 208, Wis. Adm. Code. The submittal deadline for the 2025 eCMAR annual report is June 30, 2026.

RECOMMENDATION

To approve the 2025 eCMAR, forward the corresponding resolution to Council for approval, and authorize the Director of Public Works to submit the eCMAR to the Wisconsin Department of Natural Resources.

FISCAL IMPACT

No additional impacts are associated with this annual report. The City will continue to operate, manage and maintain the sanitary sewer collection system within the Sanitary Sewer Utility budget.

ATTACHMENTS

1. 2025 CMAR Summary Memo
2. 2025 CMAR Resolution
3. Draft eCMAR 2026-05-19



Public Works Department
100 North Jefferson Street - Room 300
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Administration | Engineering | Traffic 920.448.3100
Operations 920.448.3535
Parking 920.448.3431
Fax 920.448.3102

TO: Improvement & Services Committee
FROM: Valerie Joosten, P.E. – Director of Public Works
DATE: May 19, 2026
RE: 2025 Compliance Maintenance Annual Report Summary

Each year the Public Works Department is required to submit a report to the Wisconsin Department of Natural Resources (WDNR) regarding the City’s sanitary sewer collection system. The annual report is referred to as the electronic Compliance Maintenance Annual Report (eCMAR).

The City’s eCMAR is complete and ready for submittal to the Wisconsin Department of Natural Resources (WDNR). The report documents the compliance status of the City’s sanitary sewer collection system for 2025.

The eCMAR consists of two sections, Financial Management and the Sanitary Sewer Collection Systems.

The Financial Management section of the report addresses whether the City has sufficient revenue to cover operational and maintenance expenses and ensures that the City is planning for capital projects and expenses, related to the City’s sanitary sewer collection system. The report collects data related to energy efficiency and usage of the collection pumping systems. In 2025, the City received an “A” rating for the Financial Management section.

The Sanitary Sewer Collection System section of the report addresses the various components of the City’s CMOM (Capacity, Management, Operations & Maintenance) program and addresses the City’s performance related to the maintenance, management and operation of the City’s sanitary sewer collection system. The City’s written CMOM plan has been in place since 2015, following an EPA mandate. WDNR regulations required the implementation of a CMOM for collection facilities beginning in 2016. The CMOM plan is a living document that is reviewed, revised, and implemented on an ongoing basis. The City receive an “A” rating in 2025 for the Sanitary Sewer Collection System section of the report.

As indicated in the eCMAR report, the City has the necessary systems in place to effectively operate, manage and maintain the sanitary sewer collection system. The City will continue to review and make improvements to its CMOM and set goals to continue to improve the operation, management and maintenance of the system.

A summary of the City’s performance since 2016 (last 10 years) is provided in the following table.

City of Green Bay – eCMAR Rating and Data Summary

Year	Financial Rating	Sewer System Rating	Overall Rating	% System Cleaning	% System Televised	Total No. of Sewer Complaints	Back-ups from City Main	Sanitary Sewer Overflow (SSO)
2016	A	A	A	38.06	16.44	178	13	0
2017	A	A	A	61.9	16.1	174	11	0
2018	A	A	A	71.6	25.9	214	6 ¹	0
2019	A	A	A	58.1	25.0	182	7 ¹	1
2020	A	A	A	55.4	19.6	192	6 ¹	0
2021	A	A	A	40.94	21	160	12	0
2022	A	A	A	43.2	23.8	159	7	0
2023	A	A	A	43.4	21.4	140	6	0
2024	A	A	A	34.3 ²	19.5	106	2	0
2025	A	A	A	39.57	22.5	162	7	2

Notes: ¹ Excludes complaints due to flooding, contractor damage, and water main breaks

² Beginning in 2024, the City is no longer including SL-RAT inspections to calculate the % of system cleaned. The City continues to use SL-RAT, but it is used for inspection purposes to determine whether more frequent cleaning is needed.

In 2025, the City experienced two sanitary sewer overflows related to a sanitary sewer main that was blocked by roots and grease. The issue was promptly addressed and throughout the year, the City implement additional improvements such as new televising software and procedural changes for root treatment and tracking. Within the eCMAR further actions set forth by the City include:

- Continued focus on reducing I&I and basement backups through the pilot lateral replacement program, televising, jetting, root treatment, FOG (fats, oil, and grease) outreach and maintenance, and annual sewer repairs or replacement.
- Continue to invest in technology and infrastructure improvements, such as the project to upgrade the city's SCADA software and lift station controls.

Action Requested

The Public Works Department requests the Improvement & Service Committee and Common Council adopt the Resolution approving the 2025 Compliance Maintenance Annual Report, authorize the Mayor and City Clerk to execute the resolution, and allow the Director of Public Works to forward these documents to WDNR. These actions are necessary to maintain compliance with the requirements of ch. NR 208, Wis. Adm. Code. The submittal deadline for the 2025 annual report is June 30, 2026.

**RESOLUTION APPROVING THE
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
2025 COMPLIANCE MAINTENANCE ANNUAL REPORT
June 2, 2026**

BY THE COMMON COUNCIL OF THE CITY OF GREEN BAY:

WHEREAS, it is a requirement under a Wisconsin Pollutant Discharge Elimination System (WPDES) permit issued by the Wisconsin Department of Natural Resources to file a Compliance Maintenance Annual Report (CMAR) for its wastewater collection system under Wisconsin Administrative Code NR 208; and

WHEREAS, it is necessary to acknowledge that the governing body has reviewed the Compliance Maintenance Annual Report (CMAR); and

WHEREAS, it is necessary to provide recommendations or an action response plan for all individual CMAR section grades (of "C" or less) and/or an overall grade point average (<3.00); and

WHEREAS the City of Green Bay (City) scored an "A" in Financial Management; and

WHEREAS the City scored an "A" in Collection System Management; and

WHEREAS the City scored an "A" as an overall grade.

NOW, THEREFORE, BE IT RESOLVED that the following voluntary actions will be taken by the City in 2026:

1. Continue to review and update policies and procedures pertaining to the financial management of the City's Sanitary Sewer Utility;
2. Continue to review and implement written policies and procedures as it relates to the management, operation and maintenance of the City's sanitary sewer collection system;
3. Continue to review, update, and implement the City's Capacity, Management, Operation and Maintenance (CMOM) program;
4. Continue to evaluate program goals related to the CMOM program to continue to improve the operation, management and maintenance of the City's sanitary sewer collection system.

Adopted _____, 2026

Approved _____, 2026

Eric Genrich, Mayor

ATTEST:

Celestine Jeffreys, City Clerk

Compliance Maintenance Annual Report

Green Bay Sewage Collection System

Last Updated: Reporting For:
5/18/2026 **2025**

Financial Management

<p>1. Provider of Financial Information</p> <p>Name: <input style="width: 80%;" type="text" value="Valerie Joosten"/></p> <p>Telephone: <input style="width: 30%;" type="text" value="920-448-3097"/> (XXX) XXX-XXXX</p> <p>E-Mail Address (optional): <input style="width: 80%;" type="text" value="valerie.joosten@greenbaywi.gov"/></p>																	
<p>2. Treatment Works Operating Revenues</p> <p>2.1 Are User Charges or other revenues sufficient to cover O&M expenses for your wastewater treatment plant AND/OR collection system ?</p> <p>● Yes (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ No (40 points)</p> <p>If No, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised?</p> <p>Year: <input style="width: 150px;" type="text" value="2025"/></p> <p>● 0-2 years ago (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ 3 or more years ago (20 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ N/A (private facility)</p> <p>2.3 Did you have a special account (e.g., CFWP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?</p> <p>● Yes (0 points)</p> <p>○ No (40 points)</p>	0																
<p>REPLACEMENT FUNDS [PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 3]</p>																	
<p>3. Equipment Replacement Funds</p> <p>3.1 When was the Equipment Replacement Fund last reviewed and/or revised?</p> <p>Year: <input style="width: 150px;" type="text" value="2025"/></p> <p>● 1-2 years ago (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ 3 or more years ago (20 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ N/A</p> <p>If N/A, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>																	
<p>3.2 Equipment Replacement Fund Activity</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">3.2.1 Ending Balance Reported on Last Year's CMAR</td> <td style="width: 5%;"></td> <td style="width: 5%; text-align: right;">\$</td> <td style="width: 30%; text-align: right;"><input style="width: 90%;" type="text" value="3,994,328.13"/></td> </tr> <tr> <td>3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)</td> <td style="text-align: center;">-</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 90%;" type="text" value="3,340.00"/></td> </tr> <tr> <td>3.2.3 Adjusted January 1st Beginning Balance</td> <td></td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 90%;" type="text" value="3,990,988.13"/></td> </tr> <tr> <td>3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)</td> <td style="text-align: center;">+</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 90%;" type="text" value="1,069,333.30"/></td> </tr> </table>	3.2.1 Ending Balance Reported on Last Year's CMAR		\$	<input style="width: 90%;" type="text" value="3,994,328.13"/>	3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	-	\$	<input style="width: 90%;" type="text" value="3,340.00"/>	3.2.3 Adjusted January 1st Beginning Balance		\$	<input style="width: 90%;" type="text" value="3,990,988.13"/>	3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	+	\$	<input style="width: 90%;" type="text" value="1,069,333.30"/>	
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3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	+	\$	<input style="width: 90%;" type="text" value="1,069,333.30"/>														

Compliance Maintenance Annual Report

Green Bay Sewage Collection System

Last Updated: Reporting For:
5/18/2026 **2025**

3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*) -

\$ 1,253,932.39

3.2.6 Ending Balance as of December 31st for CMAR Reporting Year

\$ 3,806,389.04

All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.

3.2.6.1 Indicate adjustments, equipment purchases, and/or major repairs from 3.2.5 above.

In 2025, the City purchased a dewatering roll-off box for sewer grit and a trailer mounted generator.

3.3 What amount should be in your Replacement Fund?

\$ 3,806,389.04

Please note: If you had a CWFP loan, this amount was originally based on the Financial Assistance Agreement (FAA) and should be regularly updated as needed. Further calculation instructions and an example can be found by clicking the SectionInstructions link under Info header in the left-side menu.

3.3.1 Is the December 31 Ending Balance in your Replacement Fund above, (#3.2.6) equal to, or greater than the amount that should be in it (#3.3)?

- Yes
- No

If No, please explain.

4. Future Planning

4.1 During the next ten years, will you be involved in formal planning for upgrading, rehabilitating, or new construction of your treatment facility or collection system?

- Yes - If Yes, please provide major project information, if not already listed below.
- No

Project #	Project Description	Estimated Cost	Approximate Construction Year
1	13th - W Mason to Howard Reconstruction	\$530,000	2027
2	13th - W Mason to 9th	\$840,000	2028
3	4th street - Broadway to S Maple Reconstruction	\$190,000	2026
4	Bridge St - Pearl to East Termini	\$40,000	2026
5	Chronic Sewer Repairs - Citywide	\$1,000,000	2025
6	Congress St - Madison to Monroe	\$100,000	2026
7	Division - Norwood to Northern Reconstruction	\$515,000	2026
8	Emilie Street - S Webster to Roosevelt	\$340,000	2028
9	Hinkle Street - Frontage Road to Hutson	\$495,000	2027
10	Hinkle - NR Frontage Road to W Mason Reconstruction	\$260,000	2025
11	Mather Street - Gray to Locust	\$1,300,000	2026
12	N Irwin - St Clair to N Termini	\$55,000	2028
13	Oxford - Dousman to Reed Reconstruction	\$170,000	2026
14	Reed - Oxford to Allard Reconstruction	\$105,000	2026
15	Resurfacing Program	\$800,000	2026
16	S Maple - Kellog to Mather	\$350,000	2026
17	S Roosevelt - Eliza to Grignon	\$300,000	2028
18	Emergency Sewer Repairs - City wide	\$400,000	2026
19	Spring Street - Madison to Monroe Reconstruction	\$110,000	2028

Compliance Maintenance Annual Report

Green Bay Sewage Collection System

Last Updated: Reporting For:
5/18/2026 **2025**

20	Chicago - S Madison to S Monroe	\$95,000	2027
21	Chicago - S Webster to S Roosevelt	\$335,000	2029
22	Christiana - S Oakland to Hazel Ave	\$285,000	2030
23	Clay St - E. Mason to Main	\$1,005,000	2029
24	N Maple Ave - Mather to Phoebe	\$215,000	2026
25	Quincy - Walnutto Bodart	\$860,000	2030
26	S. Chestnut - 7th to 8th	\$185,000	2029
27	S Maple Ave - Walnut to Kellogg	\$500,000	2026
28	Sanitary Lift Station Upgrade	\$150,000	2026
29	St Clair - Baird to Roosevelt	\$465,000	2028
30	Mary St. Sewer extended	\$525,000	2026
31	Augusta: Lincoln - Termini reconstruct	\$70,000	2028
32	Elmore: Gray to S. Ashland	\$1,030,000	2027
33	Elmore: Ashland - Broadway	\$270,000	2028
34	N. Jackson: Reber to Eastman	\$100,000	2029
35	Oak Street: Howard - Railroad Crossing	\$190,000	2026

5. Financial Management General Comments

None.

ENERGY EFFICIENCY AND USE

6. Collection System

6.1 Energy Usage

6.1.1 Enter the monthly energy usage from the different energy sources:

COLLECTION SYSTEM PUMPAGE: Total Power Consumed

Number of Municipally Owned Pump/Lift Stations:

	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	4,344	0
February	4,042	1
March	5,363	0
April	5,458	1
May	4,996	0
June	5,363	4
July	4,614	1
August	3,441	21
September	2,533	0
October	2,821	1
November	4,384	0
December	4,460	0
Total	51,819	29
Average	4,318	5

6.1.2 Comments:

Energy usage is for the City's pump / lift stations. Data obtained from WPS Utility bills.

6.2 Energy Related Processes and Equipment

Compliance Maintenance Annual Report

Green Bay Sewage Collection System

Last Updated: Reporting For:
5/18/2026 **2025**

6.2.1 Indicate equipment and practices utilized at your pump/lift stations (Check all that apply):

- Comminution or Screening
- Extended Shaft Pumps
- Flow Metering and Recording
- Pneumatic Pumping
- SCADA System
- Self-Priming Pumps
- Submersible Pumps
- Variable Speed Drives
- Other:

6.2.2 Comments:

A second trailer mounted backup generator was purchased in 2025.

6.3 Has an Energy Study been performed for your pump/lift stations?

- No
- Yes

Year:

By Whom:

Describe and Comment:

6.4 Future Energy Related Equipment

6.4.1 What energy efficient equipment or practices do you have planned for the future for your pump/lift stations?

The City regularly inspects and maintains its lift stations and pump stations. The City has a technical maintenance worker dedicated to monitoring and maintaining all of the City's lift stations. The City is planning to upgrade its SCADA software, control panels and VFDs at its pump stations. The design of this work will begin in 2026 and be completed in 2027. Implementation of the new system is expected to occur in 2027.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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Green Bay Sewage Collection System

Last Updated: Reporting For:
5/18/2026 2025

Sanitary Sewer Collection Systems

1. Capacity, Management, Operation, and Maintenance (CMOM) Program

1.1 Do you have a CMOM program that is being implemented?

- Yes
- No

If No, explain:

1.2 Do you have a CMOM program that contains all the applicable components and items according to Wisc. Adm Code NR 210.23 (4)?

- Yes
- No (30 points)
- N/A

If No or N/A, explain:

1.3 Does your CMOM program contain the following components and items? (check the components and items that apply)

- Goals [NR 210.23 (4)(a)]

Describe the major goals you had for your collection system last year:

Major goals for the program over the last year include:

1. FOG Outreach and tracking of food service establishments and grease trap cleaning. In 2025, we completed targeted (door hanger) outreach to areas with known grease problems. Our inventory of food service establishments was updated with new businesses, and cleaning records were reviewed and updated for existing businesses.
2. Root treatment. The City invested in a cutter truck to address mineral deposits and roots within the city's sewers. Any lines with roots cut were added to the root treatment list, increasing the number of lines that were treated.
3. Lateral replacement/I&I. In 2025, the City obtained Council approval for a pilot lateral replacement program for street reconstruction projects. Lateral replacement work using pipe bursting will begin in 2026. The cost of lateral replacement is funded through the City's Sanitary Sewer Fund.
4. I&I. The City continued to participate on the NEW Water I&I Technical Advisory Committee and annual workshop.
5. Lift Station O&M. The City created a GIS field form to collect maintenance records of all work performed at lift stations.
6. System maintenance. The City transitioned to a new televising software, IT Pipes, which will allow us to review condition and defects more efficiently. The City continued annual maintenance work to address defects on City sewers, while also upgrading or rehabbing sewers during street reconstruction or resurfacing projects.
7. I&I. A full workplan has not been completed. In 2025, the City requested proposals for consultants so that the City would have sanitary sewer related consulting services under contract. Several firms were selected. The City will use these consultants for work such as I&I work planning. Currently, the City is working with a consultant to upgrade its SCADA software and VFD equipment at the City's lift stations.
8. CMOM Review and updates. Due to the Utility Manager vacancy, further work is needed to review and update the CMOM in 2026.

Did you accomplish them?

- Yes
- No

If No, explain:

Compliance Maintenance Annual Report

Green Bay Sewage Collection System

Last Updated: Reporting For:
5/18/2026 2025

The majority of the goals were met in 2025 and progress continues to be made.
In 2026,

Organization [NR 210.23 (4) (b)]

Does this chapter of your CMOM include:

- Organizational structure and positions (eg. organizational chart and position descriptions)
- Internal and external lines of communication responsibilities
- Person(s) responsible for reporting overflow events to the department and the public

Legal Authority [NR 210.23 (4) (c)]

What is the legally binding document that regulates the use of your sewer system?

2021-12-21

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 2021-12-21

Does your sewer use ordinance or other legally binding document address the following:

- Private property inflow and infiltration
- New sewer and building sewer design, construction, installation, testing and inspection
- Rehabilitated sewer and lift station installation, testing and inspection
- Sewage flows satellite system and large private users are monitored and controlled, as necessary
- Fat, oil and grease control
- Enforcement procedures for sewer use non-compliance

Operation and Maintenance [NR 210.23 (4) (d)]

Does your operation and maintenance program and equipment include the following:

- Equipment and replacement part inventories
- Up-to-date sewer system map
- A management system (computer database and/or file system) for collection system information for O&M activities, investigation and rehabilitation
- A description of routine operation and maintenance activities (see question 2 below)
- Capacity assessment program
- Basement back assessment and correction
- Regular O&M training

Design and Performance Provisions [NR 210.23 (4) (e)]

What standards and procedures are established for the design, construction, and inspection of the sewer collection system, including building sewers and interceptor sewers on private property?

- State Plumbing Code, DNR NR 110 Standards and/or local Municipal Code Requirements
- Construction, Inspection, and Testing
- Others:

Overflow Emergency Response Plan [NR 210.23 (4) (f)]

Does your emergency response capability include:

- Responsible personnel communication procedures
- Response order, timing and clean-up
- Public notification protocols
- Training
- Emergency operation protocols and implementation procedures

Annual Self-Auditing of your CMOM Program [NR 210.23 (5)]

Special Studies Last Year (check only those that apply):

- Infiltration/Inflow (I/I) Analysis
- Sewer System Evaluation Survey (SSES)

Compliance Maintenance Annual Report

Green Bay Sewage Collection System

Last Updated: Reporting For:
5/18/2026 **2025**

<input type="checkbox"/> Sewer Evaluation and Capacity Management Plan (SECAP) <input type="checkbox"/> Lift Station Evaluation Report <input checked="" type="checkbox"/> Others: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> Evaluation of I&I areas to guide a private lateral replacement program, which was approved by Council as a pilot program. </div>	0
--	---

2. Operation and Maintenance

2.1 Did your sanitary sewer collection system maintenance program include the following maintenance activities? Complete all that apply and indicate the amount maintained.

Cleaning	39.57	% of system/year
Root removal	0.98	% of system/year
Flow monitoring	0	% of system/year
Smoke testing	0	% of system/year
Sewer line televising	22.5	% of system/year
Manhole inspections	16.4	% of system/year
Lift station O&M	22	# per L.S./year
Manhole rehabilitation	2.3	% of manholes rehabbed
Mainline rehabilitation	0.5	% of sewer lines rehabbed
Private sewer inspections	0	% of system/year
Private sewer I/I removal	0	% of private services
River or water crossings	34	% of pipe crossings evaluated or maintained

Please include additional comments about your sanitary sewer collection system below:

Cleaning: The City operates its own jetting trucks. Cleaning footage was greater in 2025 in preparation for the NFL Draft.
 Root Removal: This includes root treatment and root cutting. In 2025, the City purchased a cutter tool for it's televising truck.
 Private sewer inspections: Lateral launching was performed for the pilot lateral replacement program. However, the overall percentage is small and the total number of laterals is unknown.

3. Performance Indicators

3.1 Provide the following collection system and flow information for the past year.

24.45	Total actual amount of precipitation last year in inches
31.61	Annual average precipitation (for your location)
464.22	Miles of sanitary sewer
13	Number of lift stations
0	Number of lift station failures
0	Number of sewer pipe failures
7	Number of basement backup occurrences
162	Number of complaints
11.76	Average daily flow in MGD (if available)

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513.9	Peak monthly flow in MGD (if available)
0	Peak hourly flow in MGD (if available)
3.2 Performance ratios for the past year:	
0.00	Lift station failures (failures/year)
0.00	Sewer pipe failures (pipe failures/sewer mile/yr)
0.00	Sanitary sewer overflows (number/sewer mile/yr)
0.02	Basement backups (number/sewer mile)
0.35	Complaints (number/sewer mile)
43.7	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
0.0	Peaking factor ratio (Peak Hourly:Annual Daily Avg)

4. Overflows

LIST OF SANITARY SEWER (SSO) AND TREATMENT FACILITY (TFO) OVERFLOWS REPORTED **				
	Date	Location	Cause	Estimated Volume
0	3/5/2025 7:45:00 AM - 3/5/2025 8:45:00 AM	Eliza and Goodell Street	Rain	8,000
1	3/5/2025 7:45:00 AM - 3/5/2025 8:45:00 AM	Eliza and Goodell Street	Rain	8,000

** If there were any SSOs or TFOs that are not listed above, please contact the DNR and stop work on this section until corrected.

What actions were taken, or are underway, to reduce or eliminate SSO or TFO occurrences in the future?

This SSO was caused by roots and grease in private laterals and/or the main line. In 2025, the City revised field procedures for tracking of roots and root cutting within GIS. This information is used to determine new lines that require root treatment and/or repair. Additionally, the City performed target FOG outreach in this area. In 2025, the City also transitioned to a new televising software that will make it more efficient for identifying and evaluating problems. The City also initiated a pilot lateral replacement program in 2025, which will include the replacement of private laterals in 2026 for street reconstruction projects.

5. Infiltration / Inflow (I/I)

5.1 Was infiltration/inflow (I/I) significant in your community last year?

Yes

No

If Yes, please describe:

Infiltration and inflow is an ongoing concern within the City of Green Bay due to the age of the City's infrastructure and private laterals. The City is continuing to implement programs to address this issue.

5.2 Has infiltration/inflow and resultant high flows affected performance or created problems in your collection system, lift stations, or treatment plant at any time in the past year?

Yes

No

If Yes, please describe:

5.3 Explain any infiltration/inflow (I/I) changes this year from previous years:

No significant change in 2025 when compared to 2024.

5.4 What is being done to address infiltration/inflow in your collection system?

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Green Bay Sewage Collection System

Last Updated: Reporting For:
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Annually, the City televises 20 - 25% of the city's sanitary sewers and reviews defects for needed repairs. Defects are mapped in GIS. The City budgets \$1 - 2 million annually for repair and replacement of the City's sewers in addition to the amount budgeted for repair or replacement during street reconstruction and resurfacing projects. The City transitioned to new televising software that makes it more efficient to review repairs. The city has recently started a private lateral replacement program. I&I will continue to be a focus for the City.

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

Compliance Maintenance Annual Report

Green Bay Sewage Collection System

Last Updated: Reporting For:
5/18/2026 **2025**

Grading Summary

WPDES No: 0047341

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Financial	A	4	1	4
Collection				
TOTALS			1	4
GRADE POINT AVERAGE (GPA) = 4.00				

Notes:

- A = Voluntary Range (Response Optional)
- B = Voluntary Range (Response Optional)
- C = Recommendation Range (Response Required)
- D = Action Range (Response Required)
- F = Action Range (Response Required)

Compliance Maintenance Annual Report

Green Bay Sewage Collection System

Last Updated: Reporting For:
5/18/2026 **2025**

Resolution or Owner's Statement

Name of Governing
Body or Owner:

City of Green Bay

Date of Resolution or
Action Taken:

2026-06-02

Resolution Number:

NA

Date of Submittal:

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B. Required for grade C, D, or F):

Financial Management: Grade = A

The City evaluates rates annually and revenues collected fund the equipment replacement fund and budget for operating expenses and capital projects.

Collection Systems: Grade =

(Regardless of grade, response required for Collection Systems if SSOs were reported)

Actions set forth by the City include:

1. Continued focus on reducing I&I and basement backups through the pilot lateral replacement program, televising, jetting, root treatment, FOG outreach and maintenance, and annual sewer repairs or replacement.
2. Continue to invest in technology and infrastructure improvements, such as the project to upgrade the city's SCADA software and lift station controls.

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS

(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)

G.P.A. = 4.00

The City will continue to review and implement its CMOM program and set goals related to the operation, management and maintenance of the City's sanitary sewers.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.3

Consideration with possible action on a resolution delegating signatory authority to the Director of Public Works for certain agreements and contractual documents.

BACKGROUND

The Mayor is the official signatory for legal or contractual documents within the City. This signatory delegation would authorize the Public Works Director to sign those documents as outlined in the resolution. This authority is not transferable to anyone else within the Public Works Department. If the Director is not available to sign the documents listed, the Mayor would sign those documents. This change will streamline review and signatory processes.

RECOMMENDATION

To approve the resolution delegating signatory authority to the Director of Public Works for certain agreements and contractual documents.

FISCAL IMPACT

None.

ATTACHMENTS

- I. Delegation of Signature Authority DPW Director (002)

RESOLUTION IN SUPPORT OF DELEGATION OF SIGNATURE
AUTHORITY FOR DIRECTOR OF PUBLIC WORKS

WHEREAS, the Common Council desires to delegate certain signature authority to the Director of Public Works for the City of Green Bay, as follows:

The Common Council for the City of Green Bay hereby authorizes and empowers the Director of Public Works to execute, on behalf of the City of Green Bay, the following documents and instruments:

1. Temporary use or access agreements
2. Service contracts or agreements (i.e. utility service)
3. Hold harmless agreements
4. Professional services agreements (for consultant or design professional services)
5. Regulatory permit applications and reporting requiring signature of chief executive
6. Maintenance agreements pertaining to stormwater
7. Grant agreements
8. Construction contracts (delegation for Mayor signature only)
9. State Municipal Agreements with WisDOT

WHEREAS, the delegation of authority does not supersede the City's policies and procedures regarding purchasing that may be specified or outlined in the City's Procurement Manual;

WHEREAS, the delegation of authority does not supersede approvals necessary by ordinance or law;

WHEREAS, the delegation of authority shall become effective upon approval of the Common Council and will remain in effect until terminated or further modified by the Common Council.

NOW, THEREFORE, BE IT RESOLVED, the Common Council hereby delegates signature authority to the Director of Public Works as specified herein.

Adopted _____

Approved _____

Eric Genrich, Mayor

Acknowledged and Accepted:

Date: _____

Signature: _____
Valerie Joosten, Director of Public Works



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.4

Consideration with possible action on a request by the Department of Public Works to award the contract for sewer root treatment services to Duke's Root Control, Inc. in the amount of \$111,542.64.

BACKGROUND

Annually, the Department of Public Works contracts for the targeted treatment of roots in segments of the City's sanitary sewer mains. Duke's Root Control, Inc. previously held a 5-year contract with the City to provide these services. The contract expired in 2025; therefore, a sole-source approval was obtained for a 3-year period due to a lack of other interested bidders.

RECOMMENDATION

To approve the award of the sewer root treatment services contract to Duke's Root Control, Inc. in the amount of \$111,542.64.

FISCAL IMPACT

\$112,542.64, which is funded by the annual Sanitary Sewer Utility operating budget.

ATTACHMENTS

1. Green Bay, WI 2026 r3
2. 2025 - Sole Source Request for Approval - Signed



400 Airport Rd., Suite E Elgin, IL 60123

SALES QUOTATION

Document Number: **6672** Document Date: **05/07/2026** Page: **1/1**

Customer No.: **C-001439** Contact / Phone / Email: **Valerie Joosten**

valerie.joosten@greenbaywi.gov

GREEN BAY, CITY

Jessica.deal@greenbaywi.gov;
Valerie.joosten@greenbaywi.gov

GREEN BAY WI 54301
USA

Your Contact
John Fletcher 113
757-635-4017
Fletch@dukes.com

Payment Terms
Net 30

Shipping Type: FOB Point

Delivery Address
GREEN BAY, CITY
100 N. JEFFERSON ST./ROOM 300

GREEN BAY WI 54301
USA

Description	Quantity	UoM	Price	Total
MANHOLE ROOT CONTROL		Per EA	\$ 190.55	
Item Code: V-F-APL-MANHO-001				
HOUSE LATERAL ROOT CONTROL		Per EA	\$ 190.55	
Item Code: V-F-APL-RESID-001				
6" PIPE SEWER ROOT CONTROL		Per FT	\$ 2.08	
Item Code: V-F-APL-SEWRC-01X06FT				
8" PIPE SEWER ROOT CONTROL	32,109.6	FT	\$ 2.08	\$ 66,787.97
Item Code: V-F-APL-SEWRC-01X08FT				
10" PIPE SEWER ROOT CONTROL	4,118.7	FT	\$ 2.29	\$ 9,431.82
Item Code: V-F-APL-SEWRC-01X10FT				
12" PIPE SEWER ROOT CONTROL	9,982.2	FT	\$ 2.50	\$ 24,955.50
Item Code: V-F-APL-SEWRC-01X12FT				
15" PIPE SEWER ROOT CONTROL	2,182.6	FT	\$ 4.75	\$ 10,367.35
Item Code: V-F-APL-SEWRC-01X15FT				
18" PIPE SEWER ROOT CONTROL		Per FT	\$ 6.82	
Item Code: V-F-APL-SEWRC-01X18FT				

Quotation Subtotal: **\$ 111,542.64**

Total Amount: \$ 111,542.64

Plus applicable Sales Tax

Quotation Valid Until: 06/30/2026

Website: www.dukes.com

Tax ID No.: 75-3026801

City of Green Bay, Wisconsin
REQUEST FOR APPROVAL OF "NO SUBSTITUTE" PURCHASE SPECIFICATION

TO : Purchasing Division/Administrative Services

DATE: 05/08/25

FROM: Department/Division *Department of Public Works - Utility Division*

REQUISITION #

List "No Substitute" Item(s) here:

Root Treatment with the Contractor Duke's Root Control Inc.

Select One:

- 1) One Time Purchase Estimated Cost: \$
- 2) Annual Commodity purchase: Estimated annual cost: \$
- 3) Item may be purchased again: Indicate term: *3-year term* Estimated Annual Cost: \$ *\$67,931*

Example: 1 year, indefinite, etc. Long term requests will be reevaluated periodically)

We request approval of a "NO SUBSTITUTE" specification for the purchase of the subject item(s)

Check appropriate justification(s). Provide DETAILED explanation(s) below.

1. Sole Source – The below signed has searched the market and verified that no comparable item is available.
2. Single Source – Although comparable items are available, THIS is the only brand/model that will work.
3. Item(s) is (are) only acceptable replacement part(s) known for _____ (Identify)
4. Continuity of design is overriding consideration (ex: playground equipment or street furniture)
5. Safety:
6. Other:

*Explanations shall contain sufficient information and justification for the items to be considered and approved as "NO SUBSTITUTE" items. Failure to do so will result in the request being denied and returned to the originator.

*Recommending Department Head will be available to defend said recommendation to the appropriate City Committee and/or Common Council.

PLEASE EXPLAIN YOUR REASONS FOR THIS REQUEST (additional info may be attached on a separate sheet):

We are requesting that Duke's Root Control Inc. be considered as a sole source for root treating sanitary sewers. 2 potential WI contractors Aqualis & Visu-Sewer were contacted multiple times with no response from either contractor (April 16th 2025)

Approvals:

Requestor: *Ciana Ulanek*

Date: 05/08/2025

Department Head: *Steven M. Grenier*

Date: 05/19/2025

Purchasing Manager: *Thomas Walanski*

Date: 05/19/2025

sharpescans@greenbaywi.gov_20250508_15295











4

Final Audit Report

2025-05-19

Created:	2025-05-08
By:	Valerie Joosten (valerie.joosten@greenbaywi.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAXPNUrulO4tIGFY8Ai_Bx83bl9DrFRolv

"sharpescans@greenbaywi.gov_20250508_152954" History

-  Document created by Valerie Joosten (valerie.joosten@greenbaywi.gov)
2025-05-08 - 8:18:51 PM GMT
-  Document emailed to Steve Grenier (steven.grenier@greenbaywi.gov) for signature
2025-05-08 - 8:20:18 PM GMT
-  Email viewed by Steve Grenier (steven.grenier@greenbaywi.gov)
2025-05-08 - 8:20:26 PM GMT
-  New document URL requested by Valerie Joosten (valerie.joosten@greenbaywi.gov)
2025-05-16 - 12:22:28 PM GMT
-  Email viewed by Steve Grenier (steven.grenier@greenbaywi.gov)
2025-05-16 - 12:23:42 PM GMT
-  Document e-signed by Steve Grenier (steven.grenier@greenbaywi.gov)
Signature Date: 2025-05-19 - 12:05:32 PM GMT - Time Source: server
-  Document emailed to Thomas Walenski (Thomas.Walenski@greenbaywi.gov) for signature
2025-05-19 - 12:05:33 PM GMT
-  Email viewed by Thomas Walenski (Thomas.Walenski@greenbaywi.gov)
2025-05-19 - 12:05:45 PM GMT
-  Document e-signed by Thomas Walenski (Thomas.Walenski@greenbaywi.gov)
Signature Date: 2025-05-19 - 12:56:29 PM GMT - Time Source: server
-  Agreement completed.
2025-05-19 - 12:56:29 PM GMT



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.5

Consideration with possible action on a request by the Department of Public Works to award the contract for DPW / roof top solar design to Berners-Schober Associates, Inc. in the amount of \$53,000.00.

BACKGROUND

As part of the City of Green Bay's commitment to achieving the sustainability goals outlined in the Clean Energy Green Bay Plan, as well as the goal of powering all municipal facilities with clean energy by 2050, The Department of Public Works is adding solar to both the Eastside and Westside Municipal Garages. This project will help offset rising utility costs and reduce power consumption during peak daytime demand periods, when electric pricing is highest. These buildings are strong candidates for solar due to their large footprints, minimal tree cover, and newer roofing systems. The work under this contract will include structural and electrical engineering services necessary to develop complete construction documents for competitive bidding.

RECOMMENDATION

The Department of Public Works recommends awarding the work to Berners-Schober Associates, Inc.

FISCAL IMPACT

Bonding for this project was approved as part of the 2026 CIP.

ATTACHMENTS

- I. DPW Roof Top Solar Design Proposal - Berners Schober Associates

bernersch ■ ber

FIRM OVERVIEW



WHO WE ARE

Berners Schober is a full-service architectural, engineering, and interior design firm, founded in 1898. Today, we have offices in both Illinois and Wisconsin and an integrated team of registered architects, engineers, and interior designers. Our skilled personnel and breadth of experience enables us to tackle projects of various sizes and complexity. We regularly serve medical, educational, municipal, recreational, religious and commercial clients.

CREATE SPACES THAT INSPIRE

We believe originality and functionality are always required, knowing that stability is the true driver of innovation. We proudly stand behind every building, every structure, and every detail of our work, cherishing the responsibility to create memorable, long-lasting, and engaging buildings. Our structures are timeless, often becoming landmarks beloved by the communities, organizations, and companies they serve.

DESIGN WITH INTEGRITY & PURPOSE

Good architecture is designed for the past, present and future. It enhances its surroundings. It brings out the best in its occupants. And it lasts through unlimited uses. We hold ourselves to the highest standards because good architecture pushes boundaries. It takes the right risks, and it changes the way we think about a building. That being said, cleverness and ingenuity are only possible when they grow from a solid foundation. Knowing what's realistic, what people want, and what will help them thrive drives every decision we make.

DESIGN TO ADAPT, BUILD TO LAST

We measure our success on the impact our buildings have in their communities. They are places to heal. Places to worship. Places to socialize. Places to work. Places to learn. Our greatest honor is being able to positively impact people's lives through architecture.

125+
YEARS IN
BUSINESS

50+
EMPLOYEES

2
STATES

1
INTEGRATED
TEAM

RELEVANT EXPERIENCE

Client Name	Project Name
Kaukauna Utilities	Warehouse Roof Solar Panel Study
Wisconsin Public Service Corporation	St. Thomas Aquinas Academy Solarwise Installation
Wisconsin Public Service Corporation	Suring High School Solarwise Installation
Wisconsin Public Service Corporation	Menominee High School Solarwise Installation
Wisconsin Public Service Corporation	Three Lakes High School Solarwise Installation
Eland Electric Corporation	Janssen Dental Solar Panel Installation
Eland Electric Corporation	Griffin Industries Solar Panel Installation
Eland Electric Corporation	Ace Manufacturing Hurlbut Rd Solar Panel Installation
Eland Electric Corporation	Ace Manufacturing Pamperin Rd Solar Panel Installation
Eland Electric Corporation	KI Solar Installation
Wisconsin Public Service Corporation	Newman High School Solar Panel Installation
Wisconsin Public Service Corporation	Mishicot High School Solar Panel Installation
Wisconsin Public Service Corporation	Lakeland Union High School Solar Panel Installation
Lincoln Land Community College	Sangamon Solar
Lincoln Land Community College	CDC Solar
City of Green Bay	Train Storage Solar Upgrades
Lincoln Land Community College	Main Campus Solar Study
Union Congregational Church	Rooftop Solar Install

KEY TEAM MEMBERS



Jamie White PE

STRUCTURAL ENGINEER | SENIOR ASSOCIATE

Jamie is a Senior Associate at Berners Schober, responsible for structural design and civil engineering for various projects. His experience involves all types of structural systems, including cast-in-place concrete, precast concrete, steel, and wood structures. He has been with Berners Schober since 1992 and also has experience as a field representative with the firm.

EDUCATION

Bachelor of Science,
Architectural
Engineering
Milwaukee School of
Engineering

REGISTRATION

Professional Engineer:
Wisconsin, Missouri,
Michigan

PROJECT EXPERIENCE

Train Storage Solar Upgrades -
City of Green Bay
Green Bay, Wisconsin

Suring HS Solarwise Installation -
University of Wisconsin-Madison
Suring, Wisconsin

Menominee HS Solarwise Install -
Greater Green Bay YMCA
Menominee, Wisconsin

Griffin Industries Solar Panel -
Eland Electric
Green Bay, Wisconsin

St Thomas Aquinas Solarwise -
Wisconsin Public Service
La Crosse, Wisconsin

Warehouse Roof Solar Panel Study -
Kaukauna Utilities
Kaukauna, Wisconsin

Newman HS Solar Panel Install -
Wisconsin Public Service
Wausau, Wisconsin

KI Design Center Solar Install -
Eland Electric
Green Bay, Wisconsin



Darren Johnson PE

VICE PRESIDENT SPRINGFIELD / ELECTRICAL ENGINEERING | SENIOR PRINCIPAL

Darren joined the firm in 2020 as a vice president, overseeing operations at the Illinois office. Prior to that, he was President of Johnson Engineering, based in Springfield, Illinois for 20 years. As an electrical engineer, Darren brings over 30 years of professional design and management experience to the firm. His expertise includes lighting, power, and special systems for healthcare, commercial, educational, and industrial facilities.

EDUCATION

Bachelor of Science,
Electrical Engineering
Saint Louis University

REGISTRATION

Professional Engineer:
Illinois

PROJECT EXPERIENCE

CDC Solar -
Lincoln Land Community College
Springfield, Illinois

Sangamon Solar -
Lincoln Land Community College
Springfield, Illinois

Main Campus Solar -
Lincoln Land Community College
Springfield, Illinois

Freedom House -
Freedom House Ministries
Green Bay, Wisconsin

New Elementary School -
Owen Marsh Elementary
Springfield, Illinois

Access Control -
Lincoln Land Community College
Springfield, Illinois

Sports Center Replacement -
University of Wisconsin-Madison
Madison, Wisconsin

Hospital Modernization -
HSHS St. Mary's Hospital
Decatur, Illinois

PROJECT APPROACH

Our approach is centered on providing the City of Green Bay with a clear, defensible, and cost-effective path to implementing rooftop solar systems at the Eastside and Westside Municipal Garages. We will deliver solutions that are technically sound, fully coordinated, and positioned to maximize long-term performance and available incentives.

1. Project Initiation and Data Review

We will begin by meeting with City staff to confirm project goals, review available documentation and align expectations for schedule, deliverables, and communication. This early coordination ensures that design decisions are informed by operational priorities and that both facilities are evaluated consistently.

Our team will review the City's preliminary system analyses and performance data to understand baseline assumptions for system sizing, energy production, and cost-effectiveness. This allows us to validate and refine design strategies from the outset and avoid redundant analysis.

2. Existing Conditions Evaluation

We will conduct a comprehensive assessment of each facility to confirm the capacity of existing roof structures to support ballasted solar PV systems. This includes evaluating structural framing, roof construction, and load capacities, with particular attention to the added dead load and distribution patterns associated with ballasted racking. Findings will be summarized in a concise structural evaluation report that clearly communicates risks, limitations, and recommended solutions.

In parallel, we will evaluate the electrical infrastructure at each garage to determine readiness for interconnection of new grid-tied PV systems. This includes:

- Reviewing service capacity, distribution equipment, and panel availability
- Identifying upgrade requirements for inverters, protection equipment, and interconnection points
- Coordinating early with the serving utility to confirm interconnection pathways

A formal electrical evaluation report will outline required upgrades and their implications on cost, constructibility, and schedule.

3. System Design Optimization

Using the findings from our evaluations, we will develop optimized system designs for each facility that balance energy production, constructibility, and long-term durability. Design considerations will include:

- Efficient layout of fixed-tilt panel arrays within roof constraints
- Coordination with rooftop equipment, access paths, and maintenance zones
- Adjustment of system size and configuration based on verified structural capacity and electrical infrastructure

Where multiple system sizes or configurations are viable (as indicated in the provided draft analyses), we will clearly present trade-offs to support informed decision-making.

4. Detailed Documentation

We will prepare complete, coordinated bid documents for both facilities, ensuring they are ready for permitting, utility approval, and competitive bidding. Deliverables will include:

- Detailed plans showing array layouts, ballast placement, and roof coordination
- Electrical one-line diagrams and interconnection details
- Specifications for PV modules, inverters, racking systems, and all supporting equipment
- Performance modeling documenting expected annual energy production and key assumptions (irradiance, shading, system losses, etc.)

PROJECT APPROACH

5. Incentive and Tax Credit Alignment

A key component of our approach is ensuring the City can fully capture available financial benefits associated with the project. We will structure all technical documentation to support eligibility for all applicable incentives. With Eland Electric as our partner, our team will:

- Clearly define eligible project components and cost allocations
- Develop documentation suitable for IRS review and audit
- Incorporate requirements for prevailing wage, apprenticeship, and domestic content compliance into bid documents
- Coordinate with Focus on Energy and local utility programs to maximize available incentives

6. Bidding Support

During bidding, we will support the City by facilitating a clear and competitive procurement process. Services include responding to contractor questions, issuing addenda and clarifications as needed, and assisting the City in maintaining clarity and consistency across bid responses. Our goal is to minimize ambiguity and enable contractors to provide accurate, comparable bids.

7. Construction Phase Support

Following contractor selection, we will assist the City in maintaining design intent through construction. This includes:

- Reviewing contractor submittals for compliance with the design documents
- Providing timely feedback to maintain schedule
- Supporting resolution of field conditions as needed

This oversight helps ensure that the installed systems perform as intended and align with the City's long-term goals.

SCHEDULE

MILESTONES	MONTHS											
	2026											
PROJECT PHASE	MAY				JUN				JUL			
SELECTION				*								
EXISTING CONDITIONS EVALUATION												
FINAL EVALUATION & DOCUMENTATION												

FEE PROPOSAL

Task	Description	Fee (Lump Sum)
Existing Conditions Evaluation	Structural and electrical feasibility review of approximately eight (8) rooftop array locations, including preliminary assessment of roof capacity, electrical service capacity, and interconnection considerations	\$18,000
Final Evaluation & Documentation	Preparation of structural and electrical evaluation documentation, including a formal structural report and electrical system upgrade recommendations. Development of coordinated construction documents including solar PV layouts, electrical one-line diagrams, inverter configurations, and interconnection details suitable for permitting, utility coordination, and competitive bidding.	\$26,900 – \$35,000
Total Project	Complete structural and electrical evaluation and documentation services for both facilities	\$44,900 – \$53,000

Our proposal is split into two lump sum amounts. The "Existing Conditions Evaluation" needs to be done and confirmed before any effort should go into design and documentation. If neither of these building structures and infrastructures are appropriate, then the project effort should stop or be re-imagined at this juncture.

The "Final Evaluation & Documentation" phase has a range - this assumes the low end of the range to be applicable if one of the two facilities passes the Existing Conditions phase and the top end reflects the fee if both are found to be suitable.

We believe this gives the City the best value and most flexible use of their money for this project.

REFERENCES



Laura Colbert
Parks & Recreation Director
City of Waupaca
715-942-2731 | laura.colbert@waupacawi.gov
111 Main Street | Waupaca, WI 54981

◀ **Recreation Center Expansion, 2026**



Jamie Hanner
President | CEO
Greater Green Bay YMCA
920-819-4523 | jamie.hanner@greenbayymca.org
235 N Jefferson Street | Green Bay, WI 54301

◀ **Downtown Renovation, 2017**



Barry Fox
Coordinator of Athletics Capital Projects
University of Wisconsin Athletics
608-262-3631 | blf@athletics.wisc.edu
1440 Monroe Street | Madison, WI 53711

◀ **Softball Locker Room Renovation, 2019**



Public Works Department
100 North Jefferson Street • Room 300
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Administration | Engineering | Traffic 920.448.3100
Operations 920.448.3535
Parking 920.448.3431
Fax 920.448.3102

ADDENDUM NO. 1

“DPW ROOF TOP SOLAR”
Engineering Division
Department of Public Works
City of Green Bay

“May 13, 2026”

Proposals Due: 9:00 A.M., May 19, 2026

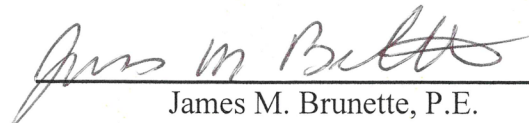
This Addendum is issued to modify, explain or correct the original request for proposal and is hereby made part of the Contract Documents. This addendum must be signed and attached to the bidder's proposal.

(Pages: 2 including cover sheet)



Contractor's Signature

SIGN AND ATTACH THIS ADDENDUM TO THE BIDDER'S PROPOSAL



James M. Brunette, P.E.
Assistant Director of Public Work



Public Works Department
100 North Jefferson Street - Room 300
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Administration | Engineering | Traffic 920.448.3100
Operations 920.448.3535
Parking 920.448.3431
Fax 920.448.3102

ADDENDUM NO. 2

“DPW ROOF TOP SOLAR”
Engineering Division
Department of Public Works
City of Green Bay

“May 14, 2026”

Proposals Due: 9:00 A.M., May 19, 2026

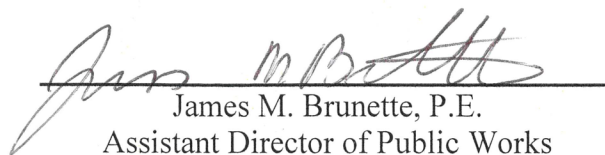
This Addendum is issued to modify, explain or correct the original request for proposal and is hereby made part of the Contract Documents. This addendum must be signed and attached to the bidder's proposal.

(Pages: 136 including cover sheet)

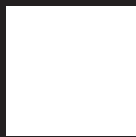


Contractor's Signature

SIGN AND ATTACH THIS ADDENDUM TO THE BIDDER'S PROPOSAL



James M. Brunette, P.E.
Assistant Director of Public Works





Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.6

Consideration with possible action on a request by the Department of Public Works to approve the award of Sewers Lift Station SCADA Upgrade design to Strand Associates, Inc. in the amount of \$106,000.00.

BACKGROUND

The City of Green Bay operates 25 sanitary sewer and stormwater lift stations. These stations are controlled by obsolete electronic hardware that is increasingly expensive to maintain and difficult to service. In addition, the software that controls the lift stations is outdated and provides limited functionality for system monitoring, data logging, and operational review. To address these challenges, the City is upgrading the electronic hardware to modern, readily available, and easily serviceable units. The project also includes implementation of updated software to provide improved reliability, increased visibility for on-call staff, and expanded data logging and reporting.

RECOMMENDATION

To approve the Department of Public Works to enter into a professional services agreement with Strand Associates, Inc. in the amount of \$106,000 for the Sewers Lift Station SCADA Upgrade design project.

FISCAL IMPACT

The project is funded within the Stormwater Utility and Sanitary Sewer Utility operating budget.

ATTACHMENTS

1. Green Bay-Sewers Lift Station SCADA Upgrade Strand Associates
2. Fee Table_breakdown_rates

Professional

Engineering

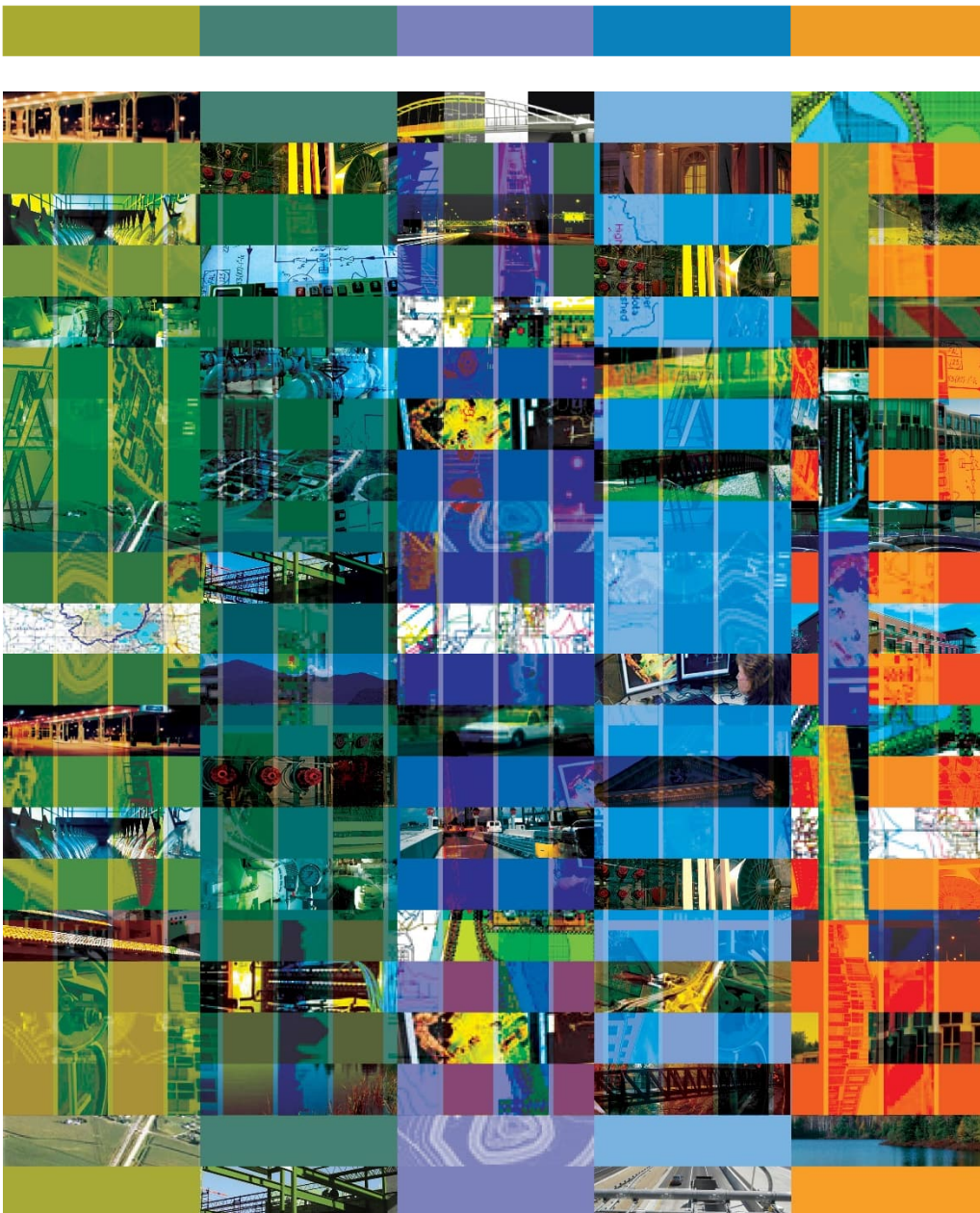
Services

Sewers Lift Station SCADA Upgrade

Proposal

City of Green Bay, WI

May 12, 2026





Strand Associates, Inc.®

910 West Wingra Drive

Madison, WI 53715

(P) 608.251.4843

www.strand.com

May 12, 2026

Mr. Jacob Thiem
Facilities Engineer
City of Green Bay
100 N. Jefferson Street
Green Bay, WI 54301

Re: Request for Proposal (RFP) for Sewers Lift Station Supervisory Control and Data Acquisition (SCADA) Upgrade

Dear Mr. Thiem:

On behalf of Strand Associates, Inc.®, thank you for the opportunity to submit this proposal to the City of Green Bay (City) to upgrade 25 sanitary and storm sewer lift station panels. Selection of our firm will provide a team of experts that have completed several similar projects and have significant experience with SCADA system upgrades.

Key attributes that enable us to provide a successful project and highlight our value as a trusted partner include the following:

- **Vast firm experience in municipal SCADA systems – proving track record of success**
- **Team of industry experts – yielding confidence and comprehensive solutions**
- **Continuous client involvement – facilitating communication and yielding a design that effectively meets the City’s SCADA needs**
- **Commitment of qualified staff and resources – resulting in timely project delivery and cost-effective professional services**
- **High standard of excellence – providing solutions that deliver exceptional value**

We look forward to working with the City and providing the exceptional knowledge, care, and detail needed to make this project a success. If there are any questions regarding our proposal, please contact us.

Sincerely,

STRAND ASSOCIATES, INC.®

Mary Seehafer, P.E.
Project Manager

Jason S. Carden, P.E.
SCADA Engineer

P260.463/MES:mah



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Appendix

- Resumes



Firm Qualifications and Experience

Vast Firm Experience in Municipal SCADA Systems Proves Track Record of Success

Our in-house staff has been designing SCADA systems for municipal water and wastewater facilities since the early 1990s. These systems range from a single well house communicating with a single master using radio telemetry to a 100-plus-million-gallon-per-day (MGD) wastewater treatment plant (WWTP) with more than 15 SCADA panels utilizing Ethernet communication protocol via redundant fiber-optic cable. Our expertise includes selection of appropriate field devices such as pressure, temperature, and flow transmitters as well as power monitors to provide useful information for display on SCADA systems graphics. Our goal in designing a system is to make information available to operations and maintenance staff so they can make appropriate decisions to maximize efficiency and reduce costs.

We have extensive experience in SCADA system design, both for new installations and retrofits and for water systems large and small.

We typically specify Allen-Bradley hardware but also have experience with many other manufacturers such as Siemens, Schneider Electric/Square D, and Bristol/Emerson. Designing these systems has enabled us to become familiar with many different communication methods, such as licensed and unlicensed spread-spectrum radios, cellular, fiber-optic, and combinations of these methods.

Our long list of SCADA graphics projects and ongoing support clients is a testament to our expertise in SCADA design and implementation. We are an AVEVA Registered System Integrator and are intimately familiar with InTouch, AVEVA Historian, and the other AVEVA products. We have some experience with General Electric (GE) iFix and other graphics software packages. While we do not have experience implementing FactoryTalk View or Ignition HMI applications for clients, we have encountered these at other client facilities, are familiar with their capabilities and advantages and disadvantages, and are confident learning more about these and other software packages. We know the questions to ask to help the City find the best fit.

Below is a select listing of ongoing or recently completed SCADA projects for both water (WTR) and wastewater (WWT) systems. Projects including lift stations are noted (noted with #). Brief project summaries describing our relevant experience with select projects conclude this section.

Select System List of Completed and Ongoing SCADA Projects	
Client	Type of Project
Bargersville, IL	WWT SCADA Services
Bartlett, IL	WWT SCADA Services
Brookfield (Town of), WI	WTR System SCADA
Carpentersville, IL	WWT Treatment SCADA
Cedar Rapids, IA	WWT Treatment SCADA
Central City, KY	WTR Treatment Plant and WTR System SCADA
Channahon, IL	WTR and WWTP System SCADA#
Chillicothe, OH	WWT SCADA Development
Circleville, OH	WTR SCADA System
Columbus City Utilities – Columbus, IN	WTR #2 SCADA Replacement – Phase 1
Decatur, IL	WTR System SCADA
Deerfield, WI	WWT and WTR System SCADA#
Dixon, IL	WWT System SCADA
DuPage Water Commission, IL	WTR SCADA System Replacement Project
Eldora, IA	WWT SCADA Upgrade
Fairmont, WV	WTR SCADA



Select System List of Completed and Ongoing SCADA Projects	
Client	Type of Project
Galena, IL	WWT and WTR System SCADA#
Glenbard Wastewater Authority – Glen Ellyn, IL	WWT System SCADA#
Grayslake, IL	WTR System SCADA System Improvements
Hanover Park, IL	WTR and WWT SCADA System#
Iowa City, IA	WTR System SCADA Upgrades
Joliet, IL	WTR and WWT System SCADA
Kankakee, IL	WWT System SCADA#
Kankakee River Metropolitan Agency, IL	WWT System SCADA#
Lake Barrington Community Homeowners Association – Lake Barrington, IL	WWT System SCADA
Lake County Public Works, IL	WTR System SCADA
Lannon, WI	WTR SCADA System Design
Lawrenceburg Conservancy District, IN	WTR SCADA Improvements – Stations 1, 1A, 2, 2A
Lindenhurst, IL	WWT and WTR System SCADA
Logan Todd Regional Water Commission, Guthrie, KY	WTR Treatment SCADA#
Moline, IL	WWT System SCADA#
Morgantown, WV	WWT and WTR System SCADA# (Four projects total)
Onalaska, WI	WTR and WWT SCADA System#
Portage, WI	WWT Improvements SCADA
Prairie du Sac, WI	WTR System SCADA
Sandwich, IL	WWT System SCADA#
Sussex, WI	WWT System SCADA#
Waunakee, WI	WTR System and Lift Station SCADA#
Winnebago, IL	WTR System SCADA
Wisconsin Rapids, WI	WWT SCADA

Water and Sanitary SCADA System – Onalaska, WI

Onalaska’s water and sanitary system consists of four wells, three booster stations, five reservoirs, one control valve, ten lift stations, one meter pit, and one storm lift station. The water distribution system consists of multiple pressure zones. The system used Allen-Bradley programmable logic controllers (PLCs). The 25 remote sites are able to communicate with the main utility office via unlicensed spread spectrum radios.

One unique feature of the system is that it enables operators to select any of the five reservoirs to control each well and booster pump as well as switch between summer and winter setpoints for each of the reservoirs. The purpose of the summer and winter setpoints is to maintain a wider range of levels and create turnover in the storage facilities during the winter months to prevent ice from forming. Because of the number of reservoirs in the system, water age and chlorine residual in the reservoirs were also concerning. Therefore, temperature probes were added to each reservoir to enable operators to monitor the temperature in each reservoir and adjust pumping sequences to promote more frequent turnover in any given reservoir.

Since the completion of the SCADA project, we have continued to provide services to the City relating to enhancements and upgrades to the SCADA system. In 2018, we developed a comprehensive plan, with the City, for various upgrades and additions to the SCADA system. Since that time, we have been working with the City to implement some of these upgrades and additions each year as budget allows.



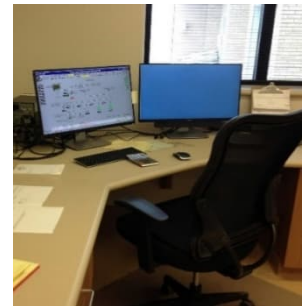
Water SCADA Upgrade – West Bend, WI

We implemented a complete SCADA system for the City of West Bend for its water utility that includes nine wells, two booster stations, a volatile organic chemical (VOC) treatment facility, three elevated tanks, and two standpipes. The system utilizes General Electric PLCs and unlicensed radio telemetry for communications to the wells, booster stations, and VOC treatment facility. The three elevated tanks and two standpipes use a 5.8 GHz backhaul radio communication system setup in a self-healing ring-type configuration such that if communication to any one tower is lost, communication is not lost to any of the other towers/standpipes. All the wells, booster stations, and the VOC treatment facility communicate through the respective tower/standpipe in their pressure zone back to the master at the Water Utility office. The VOC treatment facility is also set up as a backup master such that if communication with the Water Utility office is lost, control of the system will automatically switch to the VOC treatment facility. This system replaces both an old AutoCon system as well as a newer proprietary system, which was installed later. The combination of these systems was cumbersome for the City and was difficult to maintain and operate. The new system utilizes a commercially available hardware in GE Fanuc PLCs with AVEVA SCADA software.

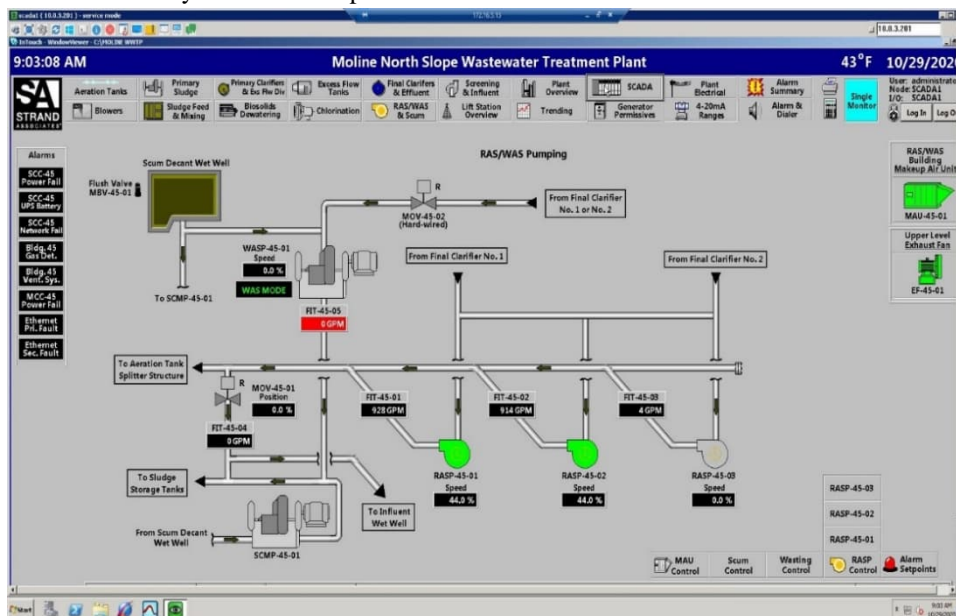
North Slope Water Pollution Control Facility (WPCF) SCADA System – Moline, IL

We completed development of the 20-year facilities plan and design of this 5.5-MGD design-average flow, 34-MGD peak-flow facility that recently completed construction of \$38 million of improvements and upgrades. The project included a new plantwide SCADA system, with our firm completing the Human Machine Interface (HMI) graphics development.

The SCADA system includes seven supervisory control centers connected by a fiber-optic network between process buildings. The SCADA system incorporates manufactured-furnished process control panels for high-speed turbo blowers and solids dewatering, so operators can monitor the treatment processes from one location. The SCADA system also incorporates monitoring flow data from several remote lift stations over City-leased fiber-optic cable.



SCADA workstations at North Slope WPCF facilitate plant monitoring.



We developed HMI screens to clearly reflect flow paths and display critical process data.

Two SCADA interface computers were installed to provide operators access to process control statuses and setpoints through HMI graphics. Plant staff also have access to real-time and historical alarms, enabling them to respond to issues with process



equipment quickly, armed with information that is helpful for troubleshooting. The SCADA system collects data for daily runtimes and number of starts. Having this data available at the click of a button saves operators time and provides insight into equipment operation. A historian server enables operators to create customized trend graphs with a few clicks. This, along with automatic interface with the reporting software, has proven invaluable with troubleshooting performance issues with process equipment. This also enables operators to make informed decisions regarding process controls daily.

We coordinated the SCADA network topology with the City IT Department, such that the SCADA system data is protected by multiple levels of security. Located behind a City-maintained virtual private network, the system topology enables SCADA engineers and operators to securely connect to the plant SCADA system from anywhere via the internet. This secure remote access capability provides operators with the convenience of monitoring the system while they are off-site and saves on the inconvenience of coming into the plant if the issue can be addressed over the SCADA system.

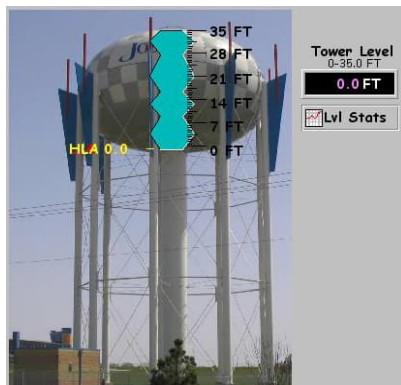
Systemwide Water SCADA System – Joliet, IL

This project involved designing a SCADA system to replace the existing leased line telephone telemetry system and dominant operating system (DOS)-based operator interface that provided monitoring and control functions for more than 22 wells, six booster stations, eight elevated tanks/standpipes, and two ground-level reservoirs/ booster stations. The SCADA system design was coordinated with the design of 10 new water treatment plants (WTPs) so that these plants could be seamlessly integrated into the system and utilize the same control hardware. Our work included assisting the City in determining the telemetry method and design, preparing the input/output (I/O) list, assisting with equipment demolition and replacement, preparing the plans and specifications, observing construction, and developing graphics and a report.

Services included assisting Joliet in determining the telemetry method and design, preparing multiple documents, observing construction, and developing graphics and a report.

The SCADA system utilized Bristol Babcock redundant ControlWave Programmable Automation Controllers (PAC) at the master site and ControlWave Micro PACs at the remote sites. The leased line telemetry was replaced with a licensed frequency-radio telemetry system utilizing five sub-masters and built in redundant communication paths. Much of the existing instrumentation at the existing sites was replaced. Access security was implemented at all the sites using proximity readers, electric strikes, and door position switches. The proximity readers interface directly with the PAC and are administered from the master monitoring site.

All the process data is displayed at a main monitoring site using redundant desktop computers and graphics were developed using Wonderware InTouch. Data is stored on a Wonderware Historian with trending and data retrieval through Wonderware Historian Clients and embedded graphics. The reporting was initially implemented using Microsoft Access but was replaced with HachWIMS to provide greater flexibility for the operators.



Current Stage Setpoints/Selections							
	Start/Stop	Setpoints	Wash. St. Pump Selected			Richards St. Pump Selected	
			1	2	3	1	2
Stage 1	Start: 0.0 FT	Stop: 0.0 FT					
Stage 2	Start: 0.0 FT	Stop: 0.0 FT					
Stage 3	Start: 0.0 FT	Stop: 0.0 FT					
Stage 4	Start: 0.0 FT	Stop: 0.0 FT					
Stage 5	Start: 0.0 FT	Stop: 0.0 FT					

Control Time Delay	Minimum Pump Runtime
0 SEC	0 MIN

Racetrack tank, systemwide SCADA system submaster site.



Lift Station SCADA System – Joliet, IL

This project replaced the alarm dialers at City’s 38 lift stations with a PLC-based SCADA system to allow operators at the West Side Wastewater Treatment Plant (WSWWTP) to monitor the status of the stations. The system utilized a PLC and cellular modem at each lift station to communicate with the master PLC at the WSWWTP via a Verizon Private Network and the City’s internal data network. Each lift station has an operator interface that allows maintenance and operations personnel to change operating setpoints and view current and historical station status/values (e.g., pump status, alarms, pump runtimes, starts, flow totals, and wet well level). A SCADA computer with a Wonderware and InTouch graphics package at the WSWWTP provides the operator interface. Historical data was incorporated into the City’s existing Wonderware Historian server to maximize the use of the City’s existing infrastructure.

Fond du Lac WPCF – Fond du Lac, WI

We completed facilities plan development and designed a total renovation of the WPCF serving Fond du Lac and the surrounding area. As part of our WPCF design services, a new plantwide SCADA system was designed to replace the existing Honeywell Distributed Control System (DCS). Because Fond du Lac was currently restricted to Honeywell for support and service, there was a desire to move to a nonproprietary, commercially available PLC hardware and software platform.



Fond du Lac WPCF.

By utilizing Allen Bradley’s Motor Control Centers (MCCs), along with CompactLogix PLCs, all components of the control system were able to be integrated, which provided a significant amount of data available for the HMI software and plant/process reporting database. All the PLCs utilize Ethernet communication protocol over a self-healing fiber-optic network.

As part of the construction services for the project, we provided HMI programming using AVEVA InTouch. By working in close coordination with the construction contractor and control system supplier, we designed, programmed, and started up the SCADA system successfully. Because of the large amount of data available from the SCADA system, Wonderware’s Structured Query Language (SQL)-based Historian and OPS Systems’ SQL-based reporting system were used for data gathering and storage.



Fond du Lac WPCF SCADA and Security 47-inch LCD monitors.

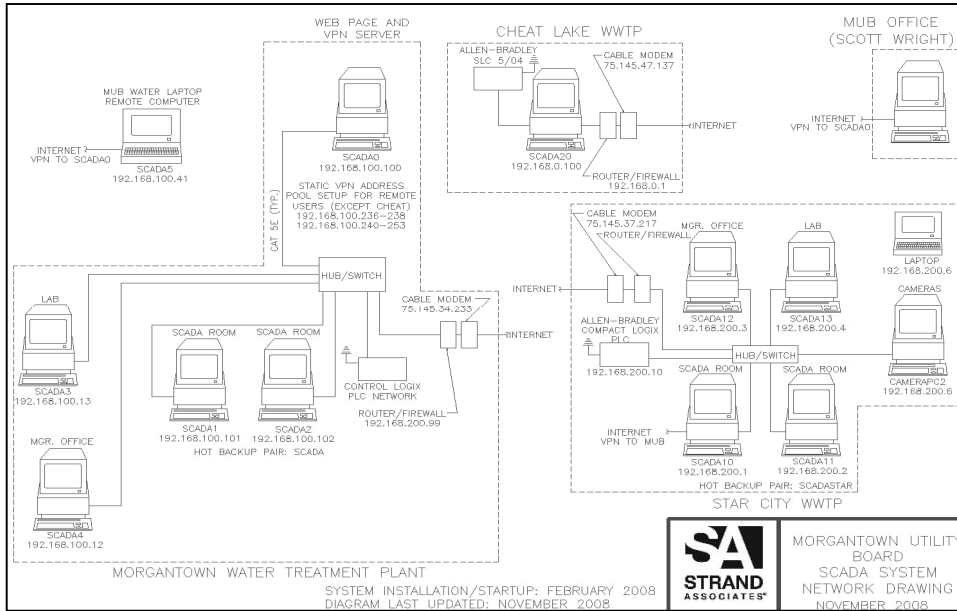
An upgrade to the Fond du Lac SCADA system was also completed. This involved updating the telemetry, graphics, and historical logging for 51 remote stormwater lift stations and sanitary lift and metering stations. The obsolete licensed frequency radio system was replaced with a modern, unlicensed spread-spectrum radio communication system. The WPCF InTouch graphics were expanded to display current status, totalized flow, and historical trending information for every station. Additionally, members of the Outlying Sewer Group (OSG) can now obtain electronic copies of flow information daily. The members are able to use this information to monitor and possibly mitigate inflow and infiltration (I/I), thus potentially reducing costs.



Morgantown Utility Board (MUB) SCADA System – Morgantown, WV

For more than 20 years, we have provided water and wastewater consulting services to MUB. In addition to water and wastewater infrastructure, MUB currently owns and operates three separate water and wastewater treatment facilities – the Star City WWTP, Cheat Lake WWTP, and the Morgantown WTP. Over the years, we have worked with MUB to update the SCADA system at all three facilities and at all major wastewater pumping stations, water booster stations, and elevated storage tanks, for a total of more than 60 sites.

MUB SCADA system enables the Utility Manger to communicate between all major utility systems and locations.



MUB's SCADA system network diagram.

Because MUB manages staff at all three facilities, there was a desire to integrate all three facilities so that the system looked and operated like one system. Communication with remote sites associated with each facility was performed with unlicensed spread spectrum radios, and a number of repeaters were included in the system because of the mountainous terrain and low-lying locations of some pumping stations. Because the three separate facilities cover more than a 20-mile radius, MUB requested that the HMI interface and reporting software at each facility include all facilities. As such, an operator at the Cheat Lake WWTP could monitor (and control, if desired) the Star City WWTP. Integrating the HMI computers from all three facilities involved the use of high-speed, business cable modems with static addresses and secure routers. With this equipment in place, the system looks and acts like a single network and single SCADA system to the end user. This enabled staff to become more efficient and allowed sharing of labor between facilities. It also enabled off-site storage and remote access to data from any location with an internet connection.

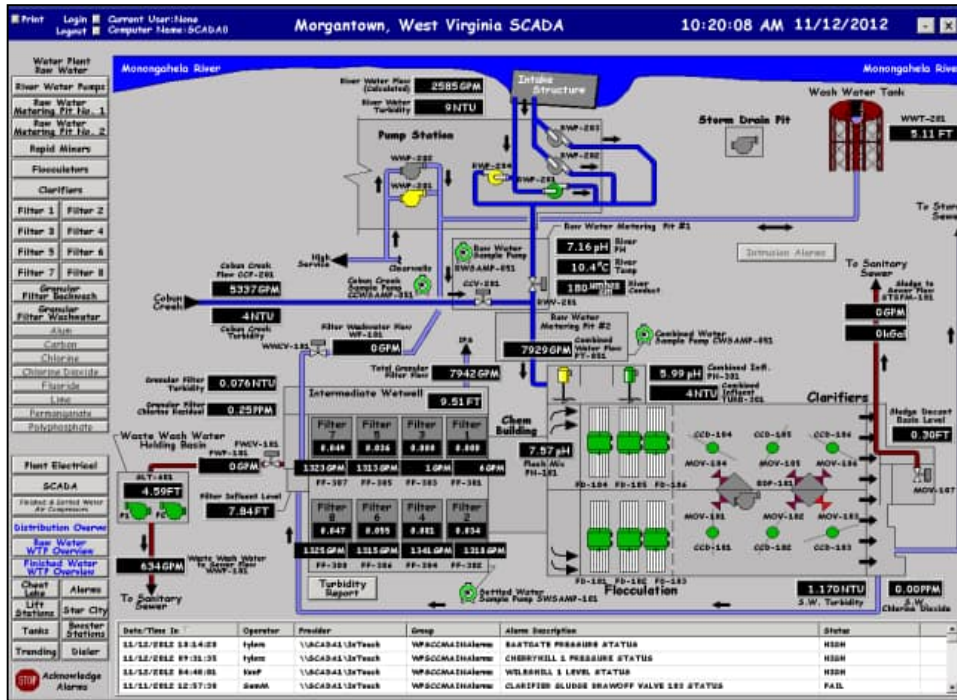
We have provided water and wastewater consulting services to MUB and have updated Morgantown's SCADA system at more than 60 sites.

We provided HMI programming using Wonderware's InTouch and developed a custom reporting package for the WTP using Microsoft Access 2010. Microsoft Access was selected as a joint effort between our firm and MUB, as there was a desire to store the data in a nonproprietary format, in addition to creating a very customized software application specific to MUB's needs.

Both the HMI programming and the reporting system include data from all the remote booster station sites, elevated tank sites, and distribution system chemical monitoring points. The reporting system takes this data collection and monitoring a step further and includes bacteriological exam data, chlorine residual entry and results, public water system sampling data and results, and daily lab data entry and testing results. The State of



West Virginia Monthly Operating Report is also generated by the reporting system and includes a function that enables staff to export the report to Microsoft Excel or Portable Document Format, such that an electronic version can be submitted directly to the State. Working closely with MUB staff, we designed, programmed, and deployed both the SCADA and reporting systems successfully.



MUB's WTP SCADA overview.

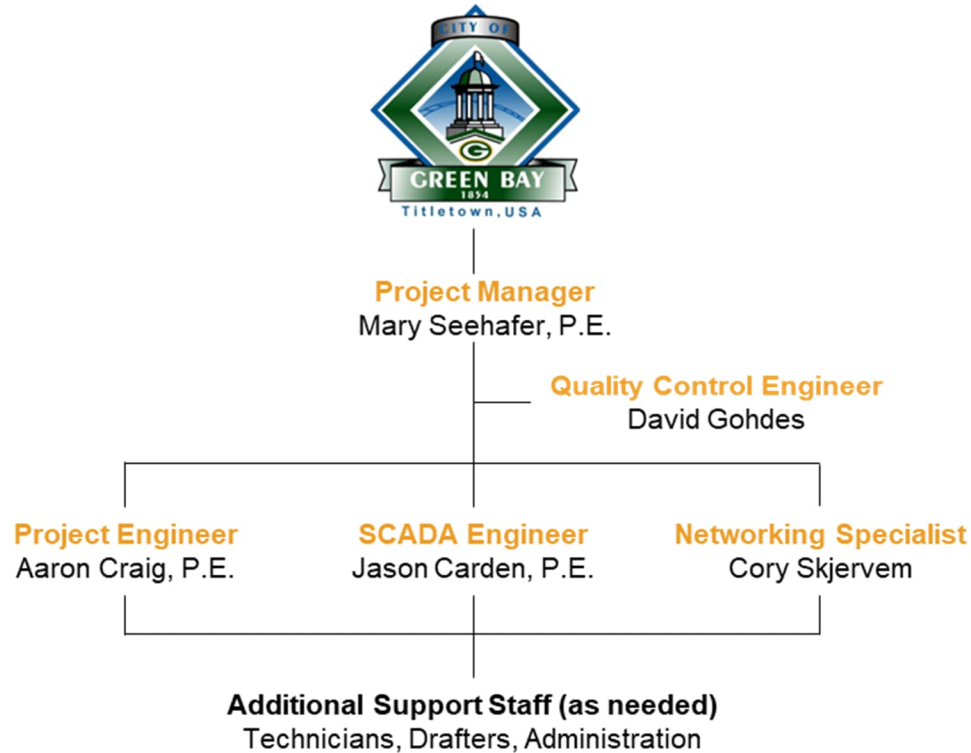


Project Team

Team of Industry Experts Yields Confidence and Comprehensive Solutions

We have a qualified team of individuals with significant experience with stormwater and wastewater utility SCADA projects. Additionally, these individuals have the ability to communicate clearly and effectively with City staff and promptly respond to the City’s needs.

Our team provides outstanding expertise in the area of SCADA system design.



Project Manager

Mary E. Seehafer, P.E., will be responsible for coordinating the day-to-day activities of the project team and communicating with City staff. She will make sure project milestones are met and that the City’s comments, concerns, and input are appropriately addressed in a timely manner.

Mary has been with our firm for 14 years and has extensive experience with electrical design. She has designed power distribution and control systems for both large and small wastewater and water applications from remote lift stations to well houses to treatment plants. Mary’s design experience includes standby power systems, PLC-based control systems using industrial Ethernet networks, remote telemetry (radio and cellular), communication systems (voice and data), and development of control algorithms and SCADA system HMI graphics for both new and existing systems. Mary’s experience also includes electrical design of new facilities, upgrades and additions to existing facilities, power monitoring for harmonics and related electrical problems, and analysis of building electrical systems with respect to applicable codes.



Mary has managed projects and completed design for several PLC replacement and SCADA system upgrades projects.

Mary’s Wisconsin experience includes serving as the Lead Electrical Engineer for Madison Metropolitan Sewerage District’s (MMSD’s) Pumping Stations No. 7, 11, and 12; Mount Horeb’s WWTP Electrical Design and SCADA System; and Rib Mountain Metropolitan Sewerage District’s WWTP Phase I Upgrades. Mary served as Project Manager and Lead Electrical Engineer on radio telemetry upgrades projects for



West Bend, Waunakee, and Mount Horeb in Wisconsin, and for Crest Hill, Illinois. She provided the power, controls, and SCADA HMI designs for sludge and scum pumping systems at the WWTP in Bensenville, Illinois; and designed the Water Pollution Control Facility Unit Substation Replacement projects in Cedar Rapids, Iowa. Mary also provides ongoing SCADA troubleshooting and support for Bensenville’s SCADA system. Mary’s HMI development experience includes AVEVA.

Quality Control Engineer

David D. Gohdes, ENV SP, has 19 years of electrical engineering experience and has prepared WWTP and water facility electrical distribution and emergency and standby power system designs as well as designs for complex process control systems, lighting systems, wired and wireless communication networks, gas detection and audio/visual alarm systems, fire alarm systems, and security and access control systems. Dave’s recent projects include a power distribution and process control upgrade at the Superior WWTP; a power distribution and control system upgrade at the Parkersburg, West Virginia, WWTP; a cogeneration turbine and switchgear controls upgrade at the Dubuque, Iowa, Water and Resource Recovery Center; and the MMSD Pumping Stations No. 7, 11, and 12 Rehabilitation projects. Dave has also served as Project Manager on major PLC replacement projects for Cedar Rapids and Iowa City, Iowa. Dave’s HMI development experience includes AVEVA.



As Quality Control Engineer, Dave will review deliverables from an outside point of view.

Project Engineer

Aaron R. Craig, P.E., will serve as the Electrical Project Engineer. Aaron brings a wealth of experience in power systems within industrial and commercial settings, including emergency and standby generator systems, power distribution, grounding systems, lighting, and power system protection. In addition, he is well-versed in automated and user control systems. Aaron has been involved in designing a wide range of projects, including water and wastewater treatment facility and lift station power and controls, radio telemetry systems, access and security control systems, and fire alarm systems. Aaron’s excellent time management skills, passion for detail, and organization skills will help meet the project schedule.



Aaron’s attention to detail will result in thorough, clear, and concise design documents.

Aaron has been involved in designing a wide range of projects, including water and WWTP power and controls, including recent WWTP designs for Barrington, Illinois, and Pataskala, Ohio; access and security control systems; paging and communication systems; office networking and cyber security; video-surveillance systems; and fire alarm systems. Aaron’s HMI development experience includes AVEVA and GE iFix.

SCADA Engineer

Jason S. Carden, P.E., will serve as our SCADA Engineer. Jason has 32 years of experience in electrical engineering, most of which have been spent in the specialized fields of electrical system and power and control system engineering for the water and wastewater markets. Over the past 21 years, Jason has gained experience with control system and PLC program development, PLC networks design, PLC network troubleshooting, control panel design, graphical user interface programming for process control systems, and electrical and lighting design. Specifically, Jason has developed SCADA and HMI systems, using FactoryTalk/RSView, GE iFix, AVEVA, GE Cimplicity, Allen Bradley PanelView, and Eaton PanelMate. Jason has also installed and maintained reporting systems based on Microsoft Access and Hach WIMS and historical trending packages from both Wonderware and Intellution. Additionally, Jason has installed and configured Win911 remote notification software at dozens of facilities.



Jason has provided instrumentation, SCADA design and graphics development, and control system design for numerous WTPs and WWTPs throughout the Midwest.



Networking Specialist

Cory J. Skjervem will offer valuable insight and direction into implementing and securing the IT systems used on the SCADA network. Cory is an experienced information technology professional with 19 years of experience in computer networking, security, and systems design and administration. He leads our network security efforts for our office network. He has worked with servers, workstations, switches, routers, firewalls, and network security devices from Microsoft, Cisco, Allen-Bradley, Hirschmann, Dell, HP, Juniper, Barracuda, Silver-Peak, WatchGuard, Fortinet, and other major brands for networks of varying size and requirement.

Cory has designed, implemented, and performed information technology (IT) risk assessments on IT systems for enterprise, municipal, and WTP and WWTP plant environments, including for MUB and Parkersburg Utility Board, West Virginia; Logan Todd Regional Water Commission, Kentucky; City of Portage, Wisconsin; and many others throughout the Midwest. Cory serves as a network and server administrator for our firm, ensuring our systems are secure and running optimally.



Cory has 19 years of experience in network design and application development.



Project Approach

Continuous Client Involvement Facilitates Communication and Yields a Design That Effectively Meets the City’s SCADA Needs

We maintain effective communication throughout our projects and seamlessly integrate the client into our design team. By encouraging regular client contact and involvement, project success will be enhanced because we will have a better understanding of the City’s needs and be able to meet those needs via a reliable, concise set of drawings and specifications.

Key Technical Issues

We believe every successful project begins with a clear understanding of the technical challenges. Based on our understanding of the scope, discussion with the City, and experience with similar projects, we anticipate the following technical challenges.

- Replace Obsolete Controllers and Reuse Components Where Feasible**
 The City has 25 lift station panels connected to a citywide lift station SCADA system that are generally in good condition but incorporate Schneider SCADAPack controllers, which are obsolete. If controllers fail, replacement units will be hard to find and expensive. The City would like to replace the controllers with Allen-Bradley PLCs of current technology. We have specified Allen-Bradley CompactLogix PLCs with Ethernet/IP communications extensively for municipal stormwater and wastewater controls, and this hardware will be readily available for years to come. These PLCs will give the City flexibility to implement control enhancements if desired.

In order to minimize cost, the City intends to reuse components that are in working order and have replacement parts reasonably available, such as the radios. The 4RF Aprisa SR+ radios that exist at most of the stations are high-quality radios and appear to support Ethernet/IP and communicate over licensed frequency. The existing SCADAPack front panel displays and input/output (I/O) cards most likely cannot be reused as they are not natively compatible with Ethernet/IP communications. We can review costs to implement basic digital displays for wet well level or small Allen-Bradley Panelview (or equivalent) touchscreen displays, if more controls adjustment capability is desired.

We will review other components, including the network switches, that could potentially be reused during a site visit at project kickoff. The site visit review will provide an opportunity to identify any other potential considerations for the control panels and lift stations as a whole. We can review if additional pump status or alarms are desired and available, if enhanced communications with motor starters and/or variable frequency drives are desired, if there are any Code concerns, and review instrumentation, enclosure, wiring, and relay condition. We will also review if key power system data is incorporated into the SCADA system and if backup dialers are desired in the event radio communications fail.

One important consideration is space in the existing enclosures for new equipment. While CompactLogix PLCs are approximately the same size as the SCADAPack controllers, Allen-Bradley’s published installation requirements for heat dissipation and electrical isolation mean that additional space in new enclosures, or more significant back panel reorganization, may be required. We will review this in more detail with the City during the Preliminary Assessment phase of the project.

Identification of and development of solutions to key technical issues results in comprehensive construction documents.



Lastly, we have numerous in-house civil engineers serving as pumping station specialists who can provide additional assistance with any operational questions that may arise during the on-site review.

- **Implement Modern SCADA HMI and Protect with Secure Remote Access**

The existing SCADA HMI is built on a software package that is not commercially available and is not easily supported by local vendors. We will assist the City with selecting a modern HMI software that can be used to build a more robust system for comprehensive status monitoring and alarm management. Software packages to be reviewed will include Allen-Bradley Factory Talk View and Ignition, and others like Trihedral VTScada and AVEVA Wonderware, if the City is interested. We understand that criteria like security, portability, remote access, license structure, and costs related to concurrent users matters, and there is no one-size-fits-all solution. We will facilitate demonstrations by software vendors, communicate with local integrators, collect cost estimates, and evaluate software features to aid the City in this important decision.

The SCADA network architecture will also be reviewed as it relates to cybersecurity best practices for water and wastewater utility infrastructure. It is important that City staff have secure remote access to SCADA system information while they are off-site or on-call. Some considerations include restricting outside access to SCADA system data through one or multiple firewalls, implementing physical and virtual redundancy where possible, and saving automatic back-ups of important machines and data.

We propose holding a workshop with key stakeholders to understand where SCADA system access is required. We will bring in our SCADA engineer and networking specialist to answer questions and offer suggestions. A new main SCADA computer with dual monitors at the Electrician's shop will be included at a minimum. During the workshop, we will review potential needs for a virtual host server to support remote access, historical data collection and back-up, redundant SCADA computer nodes, and any additional work stations.

- **Access to Historical Data for Trending Empowers Operators**

The existing SCADA system only collects and stores 1 week of historical operations data. This severely limits City staff's ability to review and troubleshoot issues with the pumps, understand energy usage, and make decisions about equipment maintenance. We will specify a new SQL-based historian server to accumulate and save real-time operations data. The historian will be specified with memory to store months and eventually years of data. Access to historical data for trending will help the City gain new insights on system operation. Preconfigured trend windows will be specified to be included as part of the HMI as well as an ad hoc trend window, so operators can build custom data views on the fly.

- **Careful Installation Sequencing and Comprehensive Testing Builds Confidence**

City staff know that operations must continue during any construction project. A detailed plan will be essential to a smooth transition from old to new systems. A construction sequence and cutover plan will be included in the project specifications to give contractors a framework upon which to develop their own strategy for the transition. Contractors will be required to maintain communication with all sites throughout construction as upgrades are installed one site at a time. The integrators we work with understand this process very well and know how critical frequent communication with owners and operators is to success.



Since City staff have grown very familiar with the existing equipment over its more than 20 years of operation, comprehensive testing is very important to help them quickly gain confidence in the new system. We typically specify both factory acceptance testing, to be completed with the new HMI application while PLCs are still in the shop, and on-site acceptance testing. Both are full-breadth tests where all I/O points and alarms are reviewed and verified at the HMI computer. While factory testing prevents simple mistakes from complicating installation and commissioning, on-site acceptance testing is the last chance to eliminate errors in PLC or HMI programming. We have a reputation for being very thorough at both tests.

Project Scope of Services

We tailor our approach for each project based on our experience with similar, successfully completed projects. The City identified three distinct tasks or phases for the project. Each task will include the objectives and deliverables described below.

Throughout all phases, our Project Manager will be at the center of discussions and will manage the project team to achieve the City’s goals.

- **Task 1 – Existing System Evaluation**

- **Item 1 – Kickoff Meeting, Review of Existing Conditions, and Review of Priorities** – Our project approach will begin with an on-site kickoff meeting and an assessment of existing lift station control panels. The team members that will attend the meeting consist of applicable personnel from our firm and City staff. We believe it is important to include key staff members from the beginning, including operation and maintenance staff, to gather a full picture of the priorities. Photos and field observations will be used to review the accuracy of existing wiring diagrams and provide the data needed for future detailed design. In addition to gathering information, we will review the station as a whole, as described above, to check the City’s desired scope of improvements. The meeting will also review the project schedule and services to be provided during the design phase, discussions of which will be summarized in meeting minutes.
- **Item 2 – Initial SCADA Hardware and Software Workshop** – We propose holding a workshop, including the operation and maintenance staff as well as management and IT professionals, to discuss with the group needs for on-site and remote access to SCADA system information. Every municipality has unique preferences about alarm management; who, how, and when staff have access to the SCADA system; what security level and permissions each user has; and level of redundancy. Understanding these preferences and balancing them against cybersecurity best practices and the available budget, we can right-size the scope of the SCADA system hardware and software upgrades together.
- **Item 3 – Preliminary Design Report** – The first design deliverable will be a report documenting the observations from the site visit as well as reviewing alternatives for the control panel upgrades. The report will include a preliminary SCADA riser diagram showing the proposed network architecture. The preliminary design report will also identify design challenges and solutions to overcome those challenges.
- **Item 4 – Preliminary Opinion of Probable Construction Cost (OPCC)** – Along with the preliminary design report, we will develop a preliminary OPCC for the control panel upgrades and the alternatives reviewed in the design report. Developing preliminary costs aids the team in making design decisions up front rather than getting through the design process only to require changes to the design to align costs with available budgets.

We believe the assessment phase will be critical to meeting the City’s goals.



- **Item 5 – Preliminary Design Review Meeting** – We anticipate a formal design review meeting to review the preliminary material developed to this point in the project. We will prepare a meeting agenda and prepare minutes following the meeting. Review documents will be submitted to the City for review prior to the meeting. We will incorporate, where appropriate, City staff’s comments from the meetings into the design development documents.

We will engage City staff throughout the project to fully understand the project goals.

- **Task 2 – Detailed Design**

- **Item 6 – Additional SCADA Hardware and Software Workshops** – We propose holding additional workshops to review which SCADA software platform best fits the needs of the City. Workshops could include software vendor demonstrations, review of cost-benefit matrices, and discussions with local controls integrators as described above. Selection of this software will make a big impact on day-to-day operations after the SCADA upgrade is completed, so we will allocate adequate time for making this decision.
- **Item 7 – Detailed Design Development of Drawings and Technical Specifications** – We will work with our in-house team to develop detailed drawings and specifications to approximately 60 percent completion. PLC and SCADA hardware and software specifications will be developed along with a draft construction sequence and draft control descriptions. Controls and Instrumentation specifications will include explicit requirements for acceptance testing, training, and system commissioning. At this point, we will conduct a formal internal quality control review.
- **Item 8 – Design Development Review Meeting** – We anticipate a formal design review meeting to review the drawings and specifications before proceeding to final design. This will provide the City with an opportunity to review progress and provide feedback. We will prepare a meeting agenda and prepare minutes following the meeting. Similar to the preliminary meeting review, documents will be submitted to the City prior to the meeting, and appropriate comments incorporated.
- **Item 9 – Final Design** – After the design develop meeting, we will proceed with preparing the proposal documents. Design drawings for the project will be prepared based on the final design concepts agreed on by the City in the previous meeting. At this point, we will conduct a formal internal quality control review.
- **Item 10 – Final Opinion of Probable Construction Cost** – To complete the project within the desired City budget, a detailed OPCC will be prepared following the preparation of the proposal documents. Should there be items that are desired that drive the project over budget, we will work with the City to review alternatives to reduce those costs or include them in alternative bid pricing via additive or deductive bid alternatives.
- **Item 11 – Final Review Meeting** – We anticipate a formal design review meeting to review the final drawings, specifications, and OPCC. We will prepare a meeting agenda and prepare minutes following the meeting. Similar to other meetings, review documents will be submitted to the City prior to the meeting, and appropriate comments incorporated.

Our attention to detail provides confidence in design phase cost estimates.



- **Task 3 – Bidding-Related Services**

- **Item 12 – Bidding-Related Services** – Bidding activities will commence with issuing proposal documents for this project to preferred controls integrators by the City. Digital proposal documents can be provided to the City for distribution.

We can assist the City in developing a list of potential controls integrators, developing proposal evaluation criteria, responding to integrators’ questions, evaluating proposals, and preparing a recommendation for selection of an integrator.



We will prepare drawings, specifications, and other necessary documents.

- **Task 4 – Construction-Related Services (If-Authorized)**

- **Item 13 – Construction-Related Services** – Although not included in the RFP, if desired, we will assist the City and attend a pre-construction meeting, review and approve material sources and shop drawings, respond to questions as to the quality and acceptability of materials furnished and work performed, answer and clarify questions during construction on the interpretation and intent of the plans and specifications, troubleshoot and resolve problems arising during construction, review change orders during construction, attend weekly project coordination meetings during construction, prepare punch list items, and conduct a final inspection.
- **Item 14 – Additional Construction-Related Services** – Further, although not included in the RFP, if requested by the City, we are happy to provide project administration services and complete construction engineering and on-site observation services during construction.

Our goal is to assist the City to the required level of additional construction-related services. If the City elects to obtain additional services, we suggest meeting to identify the scope, the skill set required, and to what extent the City staff would be involved. We would also be happy to provide the technical resources and work alongside City personnel to coach its staff as construction progresses.

Project Schedule

Commitment of Qualified Staff and Resources Results in Timely Project Delivery and Cost-Effective Professional Services

Our record of meeting agreed upon project schedules is excellent, as our clients can attest. As noted previously, our corporate-wide scheduling system gives us up-to-date status reports on the schedule of every staff member. We can make commitments to project schedules and staff because we know the current workload of every employee each month and are able to monitor the progress of each project. This scheduling system is an integral part of our project management system.

Our comprehensive scheduling system confirms staff availability.

Based on our scheduling system, our team’s capacity and availability support our confidence that the services provided to the City will be completed expeditiously and efficiently.

The schedule below outlines the tasks for completing this project in a timely manner.

Task	Month	26-Jun				26-Jul				26-Aug				26-Sep				26-Oct				26-Nov				26-Dec				27-Jan				27-Feb			
	Week	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Task 1: Preliminary Assessment	Agreement in Place	■																																			
	Kickoff Meeting (on-site)		■																																		
	SCADA Workshop			■																																	
	Preliminary Design Report				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Preliminary OPCC																																				
	Preliminary Review Meeting																																				
Task 2: Detailed Design	Additional SCADA Workshops																																				
	Detailed Design Development																																				
	Detailed Design Review Meeting (60%)																																				
	Final Design																																				
	Final OPCC																																				
	Final Review Meeting (90%)																																				
Task 3: Bidding-Related Services	Issue for Proposals																																				
	Proposals Due																																				
	Proposal Evaluation																																				
	Selection Recommendations																																				



Project Fee

High Standard of Excellence Provides Solutions That Deliver Exceptional Value

The task breakdown below shows the estimated number of staff hours required to complete each task. We feel the hours shown are needed to provide a quality approach to the design and construction components of the project, and that a solid, comprehensive design will ultimately yield a lower project cost with fewer change orders and fewer issues during construction.

Our extensive SCADA system experience provides confidence and maximizes the City's investment.

This is a sizeable project, and our estimated number of staff hours needed for the project demonstrates that. We understand that careful review of existing conditions is critical for establishing the right project scope, reusing components in good condition and replacing those that are obsolete. It is our desire to assist the City with selecting the SCADA platform that best fits the City's needs, and our team of experts knows the considerations and challenges that the various alternatives present. It is our goal to commit the time needed to maximize the City's investment in the lift station SCADA system, which will facilitate operations for years to come.

We feel that we have demonstrated to the City that we are capable of developing realistic estimates for the needed level of effort in our proposals, and adjustments to compensation in the consultant agreements has, for the most part, been limited to changes in project scope. A detailed breakdown of effort for each task is included so that the City can reasonably evaluate our distribution of hours. If the City takes exception to any of the hours we have allocated for certain tasks, we are willing to reevaluate our estimated effort for those tasks and adjust accordingly.

Task	Item	Hours	Fee
Task 1: Preliminary Assessment	Kickoff Meeting (on-site)	60	
	SCADA Workshop	20	
	Preliminary Design Report	40	
	Preliminary OPCC	24	
	Preliminary Review Meeting	12	
	Subtotal	156	\$27,800
Task 2: Detailed Design	Additional SCADA Workshops	40	
	Detailed Design Development	220	
	Detailed Design Review Meeting (60%)	12	
	Final Design	100	
	Final OPCC	8	
	Final Review Meeting (90%)	12	
Subtotal	392	\$71,500	
Task 3: Bidding-Related Services	Proposal Evaluation Criteria	16	
	Proposal Review and Written Summary	24	
	Participate in Interviews	12	
	Recommendation	4	
Subtotal	56	\$6,700	
Total	604	\$106,000	



Resumes

Project Manager

Mary E. Seehafer, P.E.

Quality Control Engineer

David D. Gohdes, ENV SP

Project Engineer

Aaron R. Craig, P.E.

SCADA Engineer

Jason S. Carden, P.E.

Networking Specialist

Cory J. Skjervem

Mary E. Seehafer, P.E.

AREAS OF EXPERTISE

- Water and Wastewater Treatment Process Controls
- Power Distribution
- SCADA System Graphic User Interface Development
- Facilities Electrical Design
- Roadway Lighting Design
- Sports Lighting

PROFESSIONAL EXPERIENCE

Municipal Electrical System experience includes design of water and wastewater system power distribution and standby power systems, process instrumentation and controls including PLC-based control systems using industrial Ethernet networks, remote telemetry (radio and cellular), communication systems (voice and data), and development of control algorithms for both new and existing systems.

Experience also includes electrical design of new facilities, upgrading and adding to existing facilities, power monitoring for harmonics and related electrical problems, and analysis of building electrical systems with respect to applicable codes. Design experience for these types of projects includes complete building power distribution layout, distribution upgrades and modifications, and on-site data collection.

Projects include the following:

- Bittersweet WRF Electrical Design – Bartlett, Illinois
- Crest Hill West STP Electrical Design – Crest Hill, Illinois
- Madison Metropolitan Sewerage District Pump Stations 7, 11, and 12 – Madison, Wisconsin
- NEW Water Air Compressor Replacement, Sodium Bisulfite Additions, Pump Station HVAC Upgrades – Green Bay, Wisconsin
- Cedar Rapids WPCF Unit Substation Replacement – Cedar Rapids, Iowa
- West Bend Water Utility SCADA System High Frequency Radio Upgrades – West Bend, Wisconsin

Industrial Electrical System experience includes design of electrical distribution, lighting and control systems for industrial and food processing plants. Experience in electric service to plant, analysis and modification of existing systems, plant communication network analysis and expansion, building automation system

evaluation and expansion, P&ID preparation, and construction observation. Familiar with requirements for food processing areas including sanitation and wash down and effect on electrical system design.

SCADA System Graphic User Interface experience includes development and maintenance of computer-based graphics as the operator interface for water and wastewater plants. User interface development includes development of automatically generated State and operational reports.

Projects include the following:

- Waunakee Utilities Water System SCADA System – Waunakee, Wisconsin
- Moline North Slope WWTP Electrical SCADA System – Moline, Illinois
- Mount Horeb WWTP SCADA System – Mount Horeb, Wisconsin

Lighting Design experience includes design of new and retrofit lighting systems, lighting controls, and ramp gate systems. Design experience for these types of projects includes photometric analysis to meet local, state, and national guidelines, power distribution layout, and LED lighting cost-benefit analysis.

Provided lighting design on the following projects:

- US 18/151 – Verona Road, Madison, Wisconsin
- CTH PD/McKee Road – Fitchburg, Wisconsin
- Lick Run VCS Corridor Lighting and Electrical Design, MSDGC – Cincinnati, Ohio

YEARS OF EXPERIENCE

14

YEARS WITH FIRM

14

EDUCATION

B.S. Electrical Engineering – University of Wisconsin-Madison, 2012

REGISTRATION

Professional Engineer in Kentucky, Minnesota, Nebraska, Oklahoma, Texas, and Wisconsin

David D. Gohdes

AREAS OF EXPERTISE

- Electrical Power Distribution and Metering (15kV and below)
- SCADA Systems
- Medium-and Low-voltage Standby Power Systems
- Hazardous and Classified Locations
- Process Controls and Instrumentation
- Serial and IP-Based, Wired and Wireless Communication Networks

PROFESSIONAL EXPERIENCE

Municipal Electrical Systems experience includes water and wastewater facilities, PLC-based process controls, serial and IP-based wired/wireless communication networks, standby and emergency power generation, analytical process instrumentation, and computer-based SCADA Systems.

Wastewater and water system controls experience includes collection systems, liquid and solids treatment and conveyance, high-service and distribution system pumping, aeration, power transfer and paralleling systems, chemical dosing, lime slaking, biogas compression and cogeneration, aerobic and anaerobic digestion, and odor control.

Electrical Distribution Systems experience includes medium- and low-voltage switchgear, constant and variable-speed motor controls, utility paralleling and isolation controls, automatic power transfer controls, power monitoring system, power factor monitoring and correction system, short-circuit and arc flash analysis, overcurrent protection coordination, and safety monitoring and control systems.

Networking and Telecommunication Systems experience includes high-speed telecommunication and industrial networks, analog and VoIP telephone systems, public address systems, copper and fiber-optic cabling, and uninterruptible power systems.

Access Controls and Security Systems experience includes design of automatic door control systems, intrusion detection systems, and deterrence systems. Design elements include software-based access control and security systems, motion detection, wireless card access, fire alarm system integration, and public address notification.

Fire Alarm Systems experience includes design of industrial and municipal fire alarm systems with and without sprinkler systems, including alarm initiation and annunciation systems, elevator recall systems, dry pipe systems, and access control system interfaces.

Building Lighting Systems experience includes design of energy cost comparisons, software-based photometric calculations, photometric rendering, lighting controls, day lighting harvesting, and low-voltage relay and dimming lighting control systems.

Sports Facility experience includes power distribution systems, sports lighting systems for soccer, baseball, and softball fields and stadiums, wireless public address systems, press boxes, and HiFi sounds systems.

Select Power Distribution Projects include:

- WPCF Unit Substation Replacement and WPC Electric Metering Upgrade Projects, Cedar Rapids, Iowa
- WWTP Power Distribution and Process Control Upgrade, Superior, Wisconsin
- WWTP Power Distribution and Control System Upgrade, Parkersburg, West Virginia
- W&RRC Cogeneration Turbine and Switchgear Controls Upgrade, Dubuque, Iowa
- Pumping Stations No. 7, 11, and 12 Rehabilitation Project, Madison Metropolitan Sewerage District, Wisconsin
- J Avenue Water Treatment Plant Generator Addition Project, Cedar Rapids, Iowa

Select SCADA Projects include:

- W&RRC Control System, SCADA HMI, and Reporting System Upgrades, Dubuque, Iowa

YEARS OF EXPERIENCE

19

YEARS WITH FIRM

17

EDUCATION

B.S. Electrical Engineering – University of Wisconsin-Madison, 2006

David D. Gohdes



- WTP Control System and SCADA HMI Upgrades, Iowa City, Iowa
- WWTP and WTP Control System, SCADA HMI, and Reporting System Upgrades, Parkersburg, West Virginia
- WTP Control System and SCADA HMI Upgrades, Lake Forest, Illinois
- WWTP Control System, SCADA HMI, and Reporting System Upgrades, Stoughton, Wisconsin
- WTP SCADA HMI and Reporting Upgrades, Guthrie, Kentucky

PROFESSIONAL AFFILIATIONS

- Institute of Electrical and Electronics Engineers (IEEE)

Aaron R. Craig, P.E.



AREAS OF EXPERTISE

- Power Control Systems
- Office, Security, and SCADA Networks
- SCADA HMI Development
- Fire & Life Safety Systems
- Standby Power Systems
- Solar Photovoltaic Systems
- Low and Medium Voltage Systems
- Video Surveillance Systems
- Revit Electrical Drafting
- P&ID Development
- Lighting Design
- Harmonic Mitigation Systems

PROFESSIONAL EXPERIENCE

Control experience with automated and user control including motor positioning control, motor speed control, observer design control, and proportional-integral-derivative (PID) control.

Development of SCADA and HMI Systems using iFix (GE), Intouch (AVEVA), and PanelView (Allen-Bradley).

Main Distribution Power experience with a wide variety of facilities, such as, wastewater treatment plants, water treatment plants, offices, schools, fire departments, and industrial facilities.

Lighting experience includes energy efficient designs for building interior and exterior, parking areas, and roadway applications. Including design of roadway, parking lot, and public lighting using city and state lighting codes.

Networking experience including various protocols, such as Ethernet/IP, Modbus, Profibus, and more.

Life Safety and Access System experience includes fire alarm system, security and access control system, and video surveillance system design.

Standby Power System experience including diesel and natural gas generator and automatic transfer switch system design.

Solar Photovoltaic System experience including ground mount and roof mount systems and utility interface.

Communication System experience including Voice Over Internet Protocol (VoIP) phone systems and paging systems.

Select Project experience involved a combination of electrical power distribution design, standby power system design, as well as design of instrumentation and controls:

- Reedsburg Wastewater Treatment Facility (WWTF) – Reedsburg, Wisconsin
- Bittersweet Drive Water Reclamation Facility – Bartlett, Illinois
- Max Rhoads and David Hawes Wastewater Treatment Plant (WWTP) Improvements – Owensboro, Kentucky
- Chillicothe WWTP Improvements – Chillicothe, Ohio
- Auburn WWTP Expansion – Auburn, Kentucky
- Central City WWTP Upgrade – Central City, Kentucky
- Morgantown WWTP and Cheat Lake WWTP Upgrades – Morgantown, West Virginia
- Fostoria WWTP Upgrades – Fostoria, Ohio
- Athens WWTP and Water Treatment Plant (WTP) Upgrades – Athens, Ohio
- Lake Mills Light and Water Department Public Works Building – Lake Mills, Wisconsin
- Lakewood Elementary School Renovation – Twin Lakes, Wisconsin
- MG&E Substation and Generating Station Wall – Madison, Wisconsin
- Grand Chute Fire Station No. 2 – Appleton, Wisconsin
- City of Elmhurst Lighting Report – Elmhurst, Illinois
- Blinn Parking Lot Lighting – Blinn, Texas
- Aransas Airport Hanger – Aransas, Texas
- Illinois Tollway I-88 – Illinois

YEARS OF EXPERIENCE

12

YEARS WITH FIRM

12

EDUCATION

B.S. Electrical Engineering – University of Wisconsin-Platteville, 2013

REGISTRATION

Professional Engineer in Wisconsin, Missouri, Arkansas, Ohio, and West Virginia

Jason S. Carden, P.E.

AREAS OF EXPERTISE

- Control System and PLC Networks
- Water Treatment System Commissioning
- Electrical and Lighting Design
- PLC Program Development and Troubleshooting
- GUI Programming for Process Control Systems
- Control Panel Design and Quality Control

PROFESSIONAL EXPERIENCE

Twenty-One Years of Electrical and Lighting Design experience as engineering consultant and 10 years of water treatment engineering design and process experience.

Controls Design of numerous water treatment systems installed in power plants, microchip fabs, pharmaceutical factories, automotive factories, oil production facilities, and steel mills. These systems used such technologies as filtration, softening, chemical injection, reverse osmosis, ultraviolet (UV) sterilization, two-bed and mixed-bed deionization, continuous (electro) deionization, vacuum deaeration, microfiltration, and ultrafiltration.

Field Service experience in 13 states and Puerto Rico, Argentina, Chili, Angola, Taiwan, and South Korea with responsibility of supervising installation and commissioning of water treatment facilities.

Lead Engineer on several projects of \$20 million or more.

Development of SCADA and HMI Systems using RSView (Rockwell), iFix (Intellution), InTouch (WonderWare), Cimplicity (GE), PanelView (Allen Bradley) and PanelMate (Cutler Hammer).

Development of Programs for Allen Bradley, Siemens, GE and Modicon PLCs, projects include the following:

- The ultrapure water systems for the Advanced Micro Devices in Austin, Texas, and Anam semiconductor facility in Busan, South Korea
- Boiler makeup water system for the Riverside Energy power plant, Beloit, Wisconsin

- Filter and sulfate removal membrane systems on the Girassol and Dalia floating production storage and offloading oilrigs off the coast of Luanda, Angola
- Canal-water purification plant for the Citgo refinery, Romeoville, Illinois

Engineering Consultant projects include the following:

- Electrical and lighting design of combination well, garage, and administration facility, Algoma Sanitary District, Wisconsin
- Electrical design of the digester gas conditioning and generator cogeneration system, Brookfield, Wisconsin
- Project management and engineering design services at the Blount Generating Station for Madison Gas & Electric (MG&E), Madison, Wisconsin.
- SCADA design of the Sanitary Flow monitoring system, City of Dubuque, Iowa
- Telemetry design for water and collection systems, Dubuque, Iowa; Fond du Lac, Wisconsin and Freeport, Illinois
- Electrical design of the standby emergency-power systems, Lake Mills, Wisconsin, and Northbrook, Illinois
- Electrical and SCADA design of the lake water pumping station and filter plant, Paintsville, Kentucky

YEARS OF EXPERIENCE

32

YEARS WITH FIRM

21

EDUCATION

B.S. Electrical Engineering – University of Wisconsin-Madison, 1994

REGISTRATION

Professional Engineer in Wisconsin

Cory J. Skjervem

AREAS OF EXPERTISE

- Network Design, Setup, and Administration
- Voice over IP System Design, Setup, and Administration
- Network Security Design, Setup, and Administration
- Digital Video Recorder Administration
- Windows 2000 – 2016 Administration
- Videoconferencing System Design, Setup, and Administration

PROFESSIONAL EXPERIENCE

Wide Area Network Design, Installation, and Administration experience consists of designing WAN topology, configuring routers with WAN connections including DSL, Cable, T-1, T-3, and Ethernet, configuring OSPF, RIP, and BGP routing protocols for dynamic routing, implementing full mesh redundant WAN connectivity, configuring Quality of Service (QoS) for voice, video and data bandwidth sharing, configuring PPTP, IPsec, and SSL VPN to connect mobile users and sites securely over the internet, installing WAN optimization systems, and implementing WAN monitoring and alert systems.

Local Area Network Design, Installation, and Administration experience consists of designing LAN topology and subnets, configuring layer 2/3 switches, configuring redundant connections between switches, configuring virtual LAN's (VLAN's) for logical segregation of traffic, configuring Quality of Service (QoS) for voice, video, and data bandwidth sharing, installing and managing Windows 2000 – 2016 servers, configuring DNS and DHCP services, configuring Active Directory (AD), implementing Group Policies for AD domain computers, and implementing monitoring and alert systems for servers and LAN devices.

Network Security Design, Installation, and Administration experience consists of designing LAN and WAN security systems, implementing firewalls, and secure remote access systems, configuring content management systems for Web and email filtering, configuring and implementing endpoint computer security, implementing Access-Control Lists for switches and routers to block or allow specific types of traffic, implementing a Demilitarized Zone (DMZ) for services available from untrusted networks, and implementing monitoring and alert systems for firewall and security systems.

Installed, Upgraded Networks, and Support the West Bend Water Utility, City of Portage, Wisconsin, City of Parkersburg, West Virginia, Logan Todd Regional Water Commission, Fond du Lac Wastewater Utility, Village of Brooklyn, Sussex Wastewater Utility, Freeport, Illinois wastewater/water Utilities and Oshkosh Wastewater Utility. Services included designing LAN and WAN topologies, configuring firewalls at the perimeter or between logical networks, installing Windows servers with Active Directory, installing secure remote access systems, installing and securing end user computers, remote troubleshooting of systems, and providing technical documentation.

Computer Support experience includes local and wide area network administration, management of Windows desktops and servers, software installations, diagnosing and fixing software, hardware, and network problems, and addressing user needs, problems and answering Helpdesk calls.

YEARS OF EXPERIENCE

19

YEARS WITH FIRM

19

EDUCATION

B.S. Computer End User Technologies – University of Wisconsin-Whitewater, 2006

Cisco Certified Network Associate, 2007

**City of Green Bay
Lift Station SCADA
Preliminary Project Task-Hour Breakdown**

	Item	Project Manager Hours	Project Engineer Hours	QC Engineer Hours	SCADA Engineer Hours	Network Specialist Hours	Production/Technician Staff Hours	Total Hours	Fee	
Task 1: Preliminary Assessment	Kickoff Meeting (on-site)	20	32	4	2	0	2	60		
	SCADA Workshop	4	6	2	6	0	2	20		
	Preliminary Design Report	4	20	2	6	4	4	40		
	Preliminary OPCC	2	15	2	2	2	1	24		
	Preliminary Review Meeting	2	6	1	1	1	1	12		
	Subtotal		32	79	11	17	7	10	156	\$27,800
Task 2: Detailed Design	Additional SCADA Workshops	8	16	2	8	6	0	40		
	Detailed Design Development	40	144	20	4	4	8	220		
	Detailed Design Review Meeting (60%)	2	6	1	1	1	1	12		
	Final Design	20	60	8	4	2	6	100		
	Final OPCC	1	4	2	1	0	0	8		
	Final Review Meeting (90%)	2	6	1	1	1	1	12		
Subtotal		73	236	34	19	14	16	392	\$71,500	
Task 3: Bidding-Related Services	Proposal Evaluation Criteria	4	8	2	2	0	0	16		
	Proposal Review & Written Summary	4	16	2	2	0	0	24		
	Participate in Interviews	4	4	0	4	0	0	12		
	Reccommendation	1	2	0	1	0	0	4		
	Subtotal		13	30	4	9	0	0	56	\$ 6,700
Design & Bidding Total		118	345	49	45	21	26	604	\$ 106,000	
Task 4: Construction-Related Services	Pre-Construction Meeting (virtual)	4	4	0	0	0	2	10		
	Shop Drawing Review	12	100	20	2	2	0	136		
	Respond to RFIs	8	40	4	4	2	0	58		
	Factory Acceptance Testing	4	80	0	2	2	0	88		
	On-site Acceptance Testing	12	120	0	4	4	0	140		
	Cost Proposal Requests/Change Orders	4	20	0	0	0	2	26		
	Progress Meetings (Qty 12 virtual)	12	24	0	2	2	8	48		
	Punch List & Final Walkthrough	4	32	2	0	0	4	42		
	Subtotal		60	420	26	14	12	16	548	\$ 140,000
	Project Management	36	4	0	0	0	0	40		
Construction Observation (RPR)	12	120	0	0	0	12	144			
Subtotal		48	124	0	0	0	12	184	\$ 40,000	
Construction Total		108	544	26	14	12	28	732	\$ 180,000	

**City of Green Bay
Lift Station SCADA
Preliminary Project Task-Hour Breakdown**

	Project Manager	Project Engineer	QC Engineer	SCADA Engineer	Network Specialist	Production/ Technician Staff	Expenses	Fee
Staff	Mary Seehafer, P.E.	Aaron Craig, P.E.	David Gohdes	Jason Carden, P.E.	Cory Skjervem	(Various)		
Rate	\$ 195	\$ 145	\$ 225	\$ 225	\$ 175	\$ 98		
Design/Bidding Hours	118	345	49	45	21	26		
	\$ 23,010	\$ 50,025	\$ 11,025	\$ 10,125	\$ 3,675	\$ 2,548	\$5,600	\$ 106,008
								\$ 106,000
Rate	\$ 195	\$ 165	\$ 225	\$ 225	\$ 175	\$ 98		
Construction Hours	108	544	26	14	12	28		
	\$ 21,060	\$ 89,760	\$ 5,850	\$ 3,150	\$ 2,100	\$ 2,744	\$15,300	\$ 139,964
								\$ 140,000



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.7

Consideration with possible action on a request by the Department of Public Works to award the contract SEWERS I-26 MARY STREET EXTENDED SANITARY SEWER REPAIRS to Visu-Sewer, LLC in the amount of \$721,199.00.

BACKGROUND

This contract is for performing the required repairs to a major collection sewer on the City's near northwest area. The work will involve lining the sewers and rehabilitating most of the manholes. The project will require the contractor to bypass the flow of sewerage so that the liners can be installed. There are only a few contractors that can perform this work and only having one bidder is not a concern. The contractor has performed work for the City in the past and has a good track record. The bid amount was within budget.

RECOMMENDATION

To Approve

FISCAL IMPACT

The project was included in the 2026 Capital Improvement Plan.

ATTACHMENTS

- I. Quest CDN Project Bid Results Sewers I-26

SEWERS 1-26 MARY STREET EXTENDED SANITARY SEWER REPAIRS

Quest Number: 10177645

Closing Date: Tue, 05/19/2026 09:00 AM CDT

Posting Type: Construction Project

Owner: Green Bay WI, City of

Solicitor: Green Bay WI, City of

Owner Name:	Green Bay WI, City of
Owner Contact:	Chuck Yang
Owner Phone:	920-448-3094
Solicitor Name:	Green Bay WI, City of
Contact:	Danny Schisel
Email:	danny.schisel@greenbaywi.gov
Phone:	920-448-3351
Award Date:	
Comments:	
Award Status:	Pending
Letting Bid Tabulation:	View on vBid

Company	Contact	Phone	E-mail	Amount	Awarded	Comment
Visu-Sewer	Curt Hoffart	262-695-2340	estimating@visu-sewer.com	\$ 721,199.00		



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.8

Consideration with possible action on a request by the Department of Public Works to award the contract RESURFACING 2-26 (INCLUDING SEWER & WATER) to Peters Concrete Company in the amount of \$2,761,544.70.

BACKGROUND

This is the second resurfacing contract for the year. There were four bids, all from very reputable contractors.

RECOMMENDATION

DPW recommends awarding the contract RESURFACING 2-26 (INCLUDING SEWER & WATER) to the low-responsive responsible bidder, Peters Concrete Company in the amount of \$2,761,544.70.

FISCAL IMPACT

These funds were all part of the 2026 Capital Improvement Program.

ATTACHMENTS

- I. Quest CDN Project Bid Results - Resurfacing 2-26

RESURFACING 2-26 (INCLUDING SEWER & WATER)

Quest Number: 10185289

Closing Date: Tue, 05/19/2026 09:00 AM CDT

Posting Type: Construction Project

Owner: Green Bay WI, City of

Solicitor: Green Bay WI, City of

Owner Name:	Green Bay WI, City of
Owner Contact:	Chuck Yang
Owner Phone:	920-448-3094
Solicitor Name:	Green Bay WI, City of
Contact:	Pat Molski
Email:	pat.molski@greenbaywi.gov
Phone:	920-448-3093
Award Date:	
Comments:	
Award Status:	Pending
Letting Bid Tabulation:	View on vBid

Company	Contact	Phone	E-mail	Amount	Awarded	Comment
Peters Concrete Company	Duke Peters	920-494-3700	quote@petersconcrete.com	\$ 2,761,544.70		
Jossart Brothers, Inc.	Jason Hermsen	920-339-8500	jasonh@jossartbrothers.com	\$ 2,989,889.50		
Carl Bowers & Sons Const. Co., Inc.	bill bowers	920-766-2629	billbowers@carlbowers.com	\$ 3,043,322.95		
DE GROOT, INC.	MARK DE GROOT	920-866-2348	mark@degrootinc.com	\$ 3,101,075.67		



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.9

Consideration with possible action on a request by the Department of Public Works to award the contract FINGER ROAD/EAST TOWN WAY SIDEWALK to Vinton Construction Company in the amount of \$593,408.62.

BACKGROUND

This contract includes installing adjacent neighborhood sidewalks along Finger Road leading into the East Town development including new traffic signals at the intersection of East Mason and East Town Way.

RECOMMENDATION

DPW recommends awarding the contract to the low responsible responsive bidder, TBD, in the amount of \$TBD.

FISCAL IMPACT

This contract will be paid for using TID 19 funds.

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.10

Consideration with possible action on a request by the Department of Public Works to grant licenses for:

- I. Sidewalk Builder
 - a. Elexco, Inc.
 - b. MP Concrete LLC
 - c. Parham Construction
 - d. Quality Asphalt of Green Bay LLC

2. Tree & Brush Trimmer
 - a. Squirrely Dan's LLC

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.11

Consideration with possible action on a request by the Department of Public Works to award the contract PARKS 5-26 "WILDLIFE SANCTUARY-BIRDS OF PREY SITE IMPROVEMENTS" to Vinton Construction Company in the amount of \$348,176.06.

BACKGROUND

RECOMMENDATION

To Award

FISCAL IMPACT

ATTACHMENTS

- I. QuestCDN Project Bid Results Parks 5-26

PARKS 5-26 "WILDLIFE SANCTUARY - BIRDS OF PREY SITE IMPROVEMENTS"

Quest Number: 10199602

Closing Date: Tue, 05/26/2026 09:00 AM CDT

Posting Type: Construction Project

Owner: Green Bay WI, City of

Solicitor: Green Bay WI, City of

Owner Name:	Green Bay WI, City of
Owner Contact:	Chuck Yang
Owner Phone:	920-448-3094
Solicitor Name:	Green Bay WI, City of
Contact:	Dylan Ferron
Email:	dylan.ferron@greenbaywi.gov
Phone:	920-448-3096
Award Date:	
Comments:	
Award Status:	Pending
Letting Bid Tabulation:	View on vBid

Company	Contact	Phone	E-mail	Amount	Awarded	Comment
Vinton Construction Company	Estimating at Vinton Construction	920-682-0375	quotes@vintonwis.com	\$ 269,657.46		
Highway Landscapers, Inc.	Nick Wilfert	920-759-1701	nwilfert@highway.email	\$ 416,945.00		



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # E.12

Consideration with possible action on a request by the Department of Public Works to award the contract PARKS 4-26 "TED FRITSCH PARK SPLASH PAD" to 8PINE, Inc. in the amount of \$444,080.00.

BACKGROUND

RECOMMENDATION

To Award

FISCAL IMPACT

ATTACHMENTS

- I. Quest CDN Project Bid Results Parks 4-26

PARKS 4-26 "TED FRITSCH PARK SPLASH PAD"

Quest Number: 10197516

Closing Date: Tue, 05/26/2026 09:00 AM CDT

Posting Type: Construction Project

Owner: Green Bay WI, City of

Solicitor: Green Bay WI, City of

Owner Name:	Green Bay WI, City of
Owner Contact:	Chuck Yang
Owner Phone:	920-448-3094
Solicitor Name:	Green Bay WI, City of
Contact:	Keeshawn Katers
Email:	keeshawn.katers@greenbaywi.gov
Phone:	920-448-3371
Award Date:	
Comments:	
Award Status:	Pending
Letting Bid Tabulation:	View on vBid

Company	Contact	Phone	E-mail	Amount	Awarded	Comment
8PINE, Inc.	Bert Pieper	715-574-8708	bids@8-pine.com	\$ 444,080.00		
Northeast Asphalt, Inc.	Estimating	920-757-2900	neaquote@walbecgroup.com	\$ 470,015.49		
Vinton Construction Company	Estimating at Vinton Construction	920-682-0375	quotes@vintonwis.com	\$ 566,031.07		



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

May 27, 2026

PREPARED BY

AGENDA ITEM # F.1

Director's Report on recent activities of the Public Works Department.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None