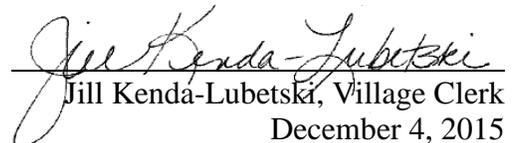


FINANCE AND PUBLIC WORKS COMMITTEE
Wednesday, December 9, 2015
Earl McGovern Board Room, 6:30 P.M



PLEASE TAKE NOTICE that a regular meeting will be held before the Finance and Public Works Committee in the **Earl McGovern Board Room**, at the Village Hall, of the Village of Brown Deer, 4800 West Green Brook Drive, Brown Deer, Wisconsin at the above noted time and date, at which the following items of business will be discussed and possibly acted upon:

- I. Roll Call
- II. Persons Desiring to be Heard
- III. Consideration of Minutes: October 7, 2015 – Regular Meeting
- IV. Report of Staff/Committee Members
- V. Unfinished Business
- VI. New Business
 - A) DPW Facility Design Services – Kueny Architects
 - B) Purchase of a Toro P6000 60” Zero Turn Lawn Mower
 - C) Purchase 12 Motorola Portable Radios w/Accessories
 - D) October 2015 Financial Reports
 - E) Consideration of November 2015 Vouchers
- VII. Adjournment


Jill Kenda-Lubetski, Village Clerk
December 4, 2015

**PERSONS REQUIRING SPECIAL ACCOMMODATIONS FOR ATTENDANCE
AT THE MEETING SHOULD CONTACT THE VILLAGE CLERK AT LEAST
ONE BUSINESS DAY PRIOR TO THE MEETING.**

**BROWN DEER FINANCE AND PUBLIC WORKS COMMITTEE
OCTOBER 7, 2015 REGULAR MEETING MINUTES
HELD AT THE BROWN DEER VILLAGE HALL
4800 WEST GREEN BROOK DRIVE**

The meeting was called to order by Trustee Oates at 6:30 P.M.

I. ROLL CALL

Present: Trustees: Oates, Boschert and Awe; Citizen Members: Galyn Bennett

Also Present: Susan Hudson, Treasurer/Comptroller, Matthew Maederer, PE, Director of Public Works/Engineering, Michael Hall, Village Manager, and Collen Banach, Engineering Tech

Excused: Tom Lieven and Ray Erbe

II. PERSONS DESIRING TO BE HEARD

None.

III. CONSIDERATION OF MINUTES: August 5, 2015 – Regular Meeting

It was moved by Trustee Boschert and seconded by Trustee Awe to approve the minutes of the August 5, 2015 meeting. The motion carried unanimously.

IV. REPORT OF STAFF/COMMITTEE MEMBERS

Michael Hall, Village Manager, is working on his budget presentation for the budget workshop scheduled for October 13th, 15th and 21st. Preparation has begun building a new DPW building with the first step begin approval from the Village board. Susan Hudson, Treasurer/Comptroller, is working on putting together the budget workshop book. Matthew Maederer, PE, Director of Public Works/Engineering stated that DPW is getting ready for winter operation and sending notice to resident that need to replace or repair their mailbox. Village mechanic has been winterizing equipment with one plow truck ready for action.

V. UNFINISHED BUSINESS

None.

VI. NEW BUSINESS

A) Skid-Steer Loader Replacement

DPW is requesting the purchase of a new Bobcat skid-steer loader to replace the existing unit. The current skid-steer loader is a Bobcat Model S220 w/bucket & blade (including v-plow). The skid-steer loader is used in all divisions of DPW including cross over services with the Park & Rec Department and Water Utility. This is important equipment is used weekly throughout the year. The replacement unit mirrors the existing unit which staff is currently comfortable and happy with from an operational standpoint.

It was moved by Trustee Boschert and seconded by Galyn Bennett to recommend that the Village Board approve the purchase of the Bobcat S650 Skid-Steer Loader not to exceed \$43,615. The motion carried unanimously.

B) Toolcat Replacement

DPW is requesting the purchase of a new Bobcat Toolcat to replace the existing unit. The current Toolcat is a Bobcat Model 5600 w/bucket. The Toolcat is used in all divisions of DPW including cross over services with the Park & Rec Department and Water Utility. This important equipment is used weekly throughout the year. The replacement unit mirrors the existing unit which staff is currently comfortable and happy with from an operational stand-point.

It was moved by Trustee Awe and seconded by Trustee Boschert to recommend that the Village Board approve the purchase of the Bobcat Toolcat 5600 not to exceed \$44,205. The motion carried unanimously.

C) 5 YD Truck Replacement

DPW is requesting the purchase of a new 5-YD Patrol Truck (Western Star 4700SF Chassis & Burke Controls/Accessories) to replace the existing patrol truck (#76). The current Patrol Truck #76 is a 5YD International chassis w/Brake & Equipment controls/accessories. Truck #76 is primarily for winter operations; however, the truck is also used during summer street work and storm water re-ditching projects.

It was moved by Trustee Boschert and seconded by Trustee Awe to recommend that the Village Board approve the purchase of the 5-YD Patrol Truck (Western Star 4700SF Chassis & Burke Controls/Accessories not to exceed \$157,954. The motion carried unanimously.

D) Email Exchange Licenses

The Village is requesting to change their email carrier from Time Warner to a Microsoft Exchange Enterprise License. This would include an automatic back-up of emails as well as a 3-year support and spam filter. Currently emails are not being backed up to a server. State statute mandates municipalities keep all emails for a total of seven years. Time Warner does not have this capability. Therefore, changing our email carrier will give us access to a system that has the capacity to store our 96 employee's emails for a seven year cycle.

It was moved by Galyn Bennett and seconded by Trustee Boschert to recommend that the Village Board approve the purchase of the Microsoft Exchange Enterprise License not to exceed \$23,769.96. The motion carried unanimously.

E) Outsourcing PT Accountant position

The Village's Part Time Accountant position became vacant on May 21, 2015. Because this is a part time position the Treasurer/Comptroller felt it would be hard to find a qualified candidate to fill this role. The treasurer/comptroller spoke with their auditing firm CliftonLarsonAllen (CLR) and they suggest trying using their outsourcing/consulting services. If we chose to use CLR as a consulting service we can no longer use them as our auditor. CLR has worked with and has recommended we use Sikich as our new auditing firm. I am asking for approval using CliftonLarsonAllen as our outsourcing/consulting firm and Sikich as our auditing firm. We are looking at cost saving of \$10,000 for the next three years.

It was moved by Trustee Boschert and seconded by Trustee Awe to recommend that the Village Board approve using CliftonLarsonAllen as our outsourcing /consulting firm and switch auditing services to Sikich. The motion carried unanimously.

F) August 2015 Financial Reports

No action was taken on this item.

G) Consideration of September 2015 Vouchers

It was moved by Trustee Boschert and seconded by Galyn Bennett to recommend that the Village Board approve the vouchers from September 4, 2015 to September 25, 2015 in the amount of \$1,520,282.50. The motion carried unanimously.

VII. ADJOURNMENT

It was moved by Trustee Awe and seconded by Galyn Bennett to adjourn at 8:05 p.m. The motion carried unanimously.



Susan L Hudson, Treasurer/Comptroller



REQUEST FOR CONSIDERATION

COMMITTEE:	Finance & Public Works, Village Board												
ITEM DESCRIPTION:	Architect Selection for New DPW Facility Design Services												
PREPARED BY:	Matthew S. Maederer, PE, Director of Public Works/Village Engineer												
REPORT DATE:	December 3, 2015												
MANAGER'S REVIEW/COMMENTS:													
<input type="checkbox"/> No additional comments to this report. <input type="checkbox"/> See additional comments attached.													
RECOMMENDATION:	Approval for DPW Facility Design Services w/ Kueny Architects, LLC Lump Sum Not-To-Exceed \$113,693.												
EXPLANATION:													
<p>A request for proposal (RFP) was written and sent to seven (7) qualified architecture firms. A total of five (5) firms responded and submitted proposals with their firm's qualifications and associated fee for design services. The actual proposals are attached and the cost summary is in the table below.</p>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Architect</th> <th>Fee</th> </tr> </thead> <tbody> <tr> <td>Kueny Architects, LLC</td> <td>\$113,693</td> </tr> <tr> <td>Barrientos Design & Consulting</td> <td>\$154,250</td> </tr> <tr> <td>Angus Young Associates</td> <td>\$182,700 (eliminated wetland delineation)</td> </tr> <tr> <td>Bray Architects</td> <td>\$197,500</td> </tr> <tr> <td>Arc-Int Architecture</td> <td>\$221,950</td> </tr> </tbody> </table>		Architect	Fee	Kueny Architects, LLC	\$113,693	Barrientos Design & Consulting	\$154,250	Angus Young Associates	\$182,700 (eliminated wetland delineation)	Bray Architects	\$197,500	Arc-Int Architecture	\$221,950
Architect	Fee												
Kueny Architects, LLC	\$113,693												
Barrientos Design & Consulting	\$154,250												
Angus Young Associates	\$182,700 (eliminated wetland delineation)												
Bray Architects	\$197,500												
Arc-Int Architecture	\$221,950												
<p>Staff (i.e. Michael Hall, Village Manager, Nate Piotrowski, Community Development Director, and I) reviewed the submitted proposals based on qualifications and fee. Kueny Architects was the most qualified firm and has the best price.</p>													
<p>Kueny Architects are out of Pleasant Prairie, WI and have previously designed the Village of Grafton's DPW facility (2009), Village of Bayside (2015), and is currently completing/finishing the design for the City of Cedarburg and City of Mequon (2015). Additional area DPW facility designs are included within their submitted proposal. I completed reference checks with our neighboring communities who have worked with Kueny and the firm received high marks from each.</p>													
<p>It should also be noted that the site-civil engineering firm as part of the Kueny team is Sigma Engineering Group who was the engineer of record for the new Goodwill development.</p>													

FUNDING:

The project budget is \$6,465,075 (from the previously completed analysis and needs assessment by Bray) and would be funded through GO debt. Here is the budget breakdown:

Item	Budget
Land Acquisition	\$1,100,000 (approx.)
Design	\$165,075 (approx. 3% of construction cost)
Construction	\$5,200,000
TOTAL	\$6,465,075 (from analysis & needs assessment report)

Kueny Architects design fees not-to-exceed are within the design budget (approx. 2% of the construction cost) at \$113,693.

CONCLUSION:

Staff is recommending awarding the design services for the new DPW facility to Kueny Architects for a lump sum not-to-exceed fee of \$113,693.

Attachments:

- Request for Proposal
- Architect Proposals (5-total)



**VILLAGE OF BROWN DEER, WI
REQUEST FOR PROPOSAL**

**Brown Deer Department of Public Works Facility
Architectural Services**

**PROPOSAL DUE:
NOVEMBER 20, 2015
12:00 P.M.**

**PRE-PROPSAL MEETING:
NOVEMBER 2, 2015
2:00 P.M.**

Address all correspondence to:

**Matthew Maederer, PE
Director of Public Works/Village Engineer
mmaederer@browndeerwi.org
Phone: 414-371-3021**

**4800 W. Green Brook Drive
Brown Deer, WI 53223**

Request for Proposal

Brown Deer Public Works Facility Architectural Services

I. INTRODUCTION

The Village of Brown Deer, Wisconsin is soliciting proposals from qualified firms interested in providing architectural services along with creative and efficient design for the creation of a public works facility which will be located on a vacant parcel (currently owned by Rite-Hite) immediately south of Village Hall in accordance with the feasibility study previously completed by Bray Architects in 2015. It is intended that the design and detailed construction plans be prepared during 2016 and completed before the end of the year. It is intended that the feasibility study will provide the basic size parameters and functional space division, but each design firm proposing on the project shall plan to develop their own site and building layout with considerations given to the new site parameters. The feasibility study is available on the homepage of the Village's website at <http://www.browndeerwi.org/spotlight-news/feasibility-study-results/>. There will be a team made up of Village Staff who will help portray the collective ideas for the building. We further request that this firm have an out of the box thinking approach to the needs of our municipality.

The proposal shall be submitted to Matthew Maederer, PE, Director of Public Works/Village Engineer by 12:00pm on Friday, November 20th, 2015.

Background

The Village of Brown Deer, a first tier suburb of the City of Milwaukee, is located in the north central portion of Milwaukee County. It is roughly 4.5 square miles in size and has a population of 11,999 persons (US Census 2010). The Village of Brown Deer saw significant growth through the 1960's and 1970's and is now largely "built-out" with only scattered vacant parcels suitable for development. Over the years various municipal buildings were created to service the community. These buildings include a Village Hall and Police Station constructed in 1972 (expanded in 1994) located at 4800 W. Green Brook Drive. A Public Works office building, garage and yard (1966) located at 8717 N. 43rd Street and a Library (1978) at 5600 W. Bradley Road. In 2015, a feasibility study was conducted which provided evidence that a new public works building needed to be built. This study not only showed aging systems throughout the building, but showed a need for an expanded garage and separate gender specific bathrooms and changing areas.

II. SCOPE OF WORK

Architectural & Building Requirements:

The architectural plans shall provide the following:

- Design a main public works facility, salt storage, cold storage, protected outdoor material storage, vehicle parking, fueling station, and an outdoor recycling center accessible to the public. Design should consider public works operations as outlined in the feasibility study as well as possible efficiencies with the neighboring Village Hall/Police Department.
- Design of a new vehicle fueling station for dispensing gasoline, diesel, and propane.
- Incorporate as many LEED or sustainability features as practical. Give the Village options to decide if such features are practical. Options include, but not limited to, alternate energy sources.

- The building plans shall go through the Plan Commission, Building Board, Finance & Public Works Committee, Water Commission, and Village Board approval processes.
- Design a monument sign for the facility.
- Develop construction plans and specifications for the new facilities. Building construction plans will require approval by the State of Wisconsin Department Safety and Professional Services
- Coordinate with internal staff for building operations, including but not limited to, information technology, building maintenance, workflow, access, etc.
- Coordinate building architecture with staff to compliment adjacent Village Hall/Police Department and surrounding area.

Engineering Requirements:

The site plans and engineering plans shall include the following:

- Master site layout to incorporate all new construction, roadways, parking areas, access points, etc.
- Stormwater management plan to meet MMSD, WDNR, and Village requirements. The Village intends to “showcase” the new DPW as a site with properly managed stormwater through a variety of best management practices (BMPs).
- Grading plan and erosion control plan. Regional permitting for erosion control (pre & post construction) is necessary through the WDNR and MMSD.
- Utility Plan (sanitary sewer, water).
- Fire protection plan with permitting required through the North Shore Fire Department.
- Delineate wetlands located on-site and mitigate any impacts.
- Provide a topographic survey of the new site.
- Map the floodplain on-site (100-year and 500-year recurrence interval).
- Provide utility coordination (electric, gas, communication companies).
- Lighting plan for the site.
- Landscape plan for the site. Coordinate site landscaping/screening with staff to compliment adjacent Village Hall/Police Department and surrounding area
- Demolition plan (as needed)
- The site engineering plans shall go through the Plan Commission, Building Board, Finance & Public Works Committee, Water Commission, and Village Board approval processes.
- Other items as needed and required for the construction and operation of a new public works facility.

Additional Requirements:

- Identify and apply for grant opportunities which include, but are not limited to, energy efficiencies, green infrastructure, etc.

Deliverables:

While many of the deliverables will be based upon the details of the project and contract, the design firm should expect, at a minimum, the following:

- Electronic copies (PDF) of the plans at 30%, 60% and 90%.
- Full-size hard-copies of the 90% plans.
- Electronic and bound hard-copies of the final plans (building and engineering) for bidding.
- Electronic and bound hard copies of the building and engineering specifications for bidding.

Meetings:

Plan approval is required at several levels and through several committees making recommendations to the Village Board. Village staff will take the design through an internal review process. The design firm will be required to attend all committee meetings as noted in the scope above. Additionally, the design firm may be required to attend a public information meeting (PIM). Meetings with staff will also be necessary (as many as needed) throughout the design process. Staff intends to become a part of the “team” during the design process.

Construction Delivery & Management:

The Village intends to deliver the project using the general contractor delivery method. For the most part the Village intends to utilize the AIA standard architect contract forms. The initial contract will be negotiated for the execution of design services. If the facility is approved for construction, the Village will negotiate a separate scope of services for construction management of the project. The overall project budget is \$6,500,000 which includes site acquisition cost (i.e. the site is currently owned by Rite-Hite).

III. INSTRUCTIONS TO RESPONDENTS

Pre-Proposal Meeting

A pre-proposal meeting will be held on Monday, November 2, 2015 at 2:00pm in Village Hall (4800 W. Green Brook Drive). Please make arrangements to attend this meeting where the overall project will be discussed and questions answered. A disposition of the questions and answers will be distributed to the architectural firms afterwards.

Required Material for Proposal Submittal

The proposal should provide sufficient detail to enable the Village to thoroughly evaluate and compare it with other proposals. Although the Village requires no specific proposal format the following information should be included along with any other information that may be pertinent to this project:

1. Provide a description of your firm, including the qualifications to provide the architectural services requested in this RFP. Also include a description of your understanding of the Village's needs and your staffing commitments to assure your ability to meet the Village's needs.
2. Describe your firm's intended relationship with Village Staff, including the level of assistance anticipated for completion of the proposed work tasks.
3. Provide a description that details the consultant's approach to delivering the products requested as part of the Scope of Work in this RFP along with any modifications or expansions of the provided scope. Identify in detail the deliverable end products resulting from the scope of services. This must also include a description of all subcontracts and associations with other firms your firm proposes to utilize in the performance of this work. Explain fully the intended working relationships and responsibilities of each firm.
4. Provide a cost for all services performed by your firm. A breakdown of labor costs, including position, hours, and hourly rates of pay should be provided.
5. Provide a list of at least three references for services similar in scope which you have conducted in other communities including the name, address and phone number of a contact person for each reference. Indicate the type, scope and duration of the work done for each client.
6. Provide at least three (3) project profiles, fact sheets or plan designs for projects undertaken by your firm for another area community.
7. Provide resumes of all professionals who will be actively working on this contract. Resumes should list related project experience and general project duties.
8. Three (3) complete copies of the proposal, along with an electronic PDF submitted via e-mail (or e-mail with link to an FTP site). These materials must be received by **Friday, November 20, 12:00 p.m. CST**. Envelopes or packages containing proposals and any related materials, which are received after the date and time stated above, will be returned unopened. Packages containing the proposal and any related materials should be sealed and clearly marked on the outside in the following manner:

“Proposal for Brown Deer Public Works Facility Architectural Services”

IV. CONSULTANT SELECTION PROCEDURE

Proposal Review

The Village will review all submittals to determine if qualifications and experience levels are met. If further information is necessary Staff may request that interviews be scheduled. Following review of pertinent information, Staff will make a recommendation to the Village Board for their approval of the most responsive and qualified firm.

Time Frame

The following is a proposed schedule for the selection process. The Village reserves the right to modify the schedule.

<u>Event</u>	<u>Date</u>
RFP released	October 26, 2015
RFP due	November 20, 2015 (12:00pm)
Consultant selection (interviews as needed):	November 23 – December 2, 2015
Finance & Public Works Committee	December 9, 2015
Village Board	December 21, 2015

Basis of Award

The award resulting from this RFP will be made to the consultant that submits the response that, in the Village's opinion, best serves the overall interests of the Village. Factors that will be considered in the evaluation may include:

- (a.) Proven ability of architect to provide similar products within established guidelines;
- (b.) A demonstrated clear understanding of the Village's needs;
- (c.) Progressive ideas and demonstrated ability to "think outside of the box" by providing innovative analysis or solutions;
- (d.) Evaluation of reference responses;
- (e.) Qualification of personnel assigned to the project and ability to accomplish the specified work;
- (f.) The costs of products and services.

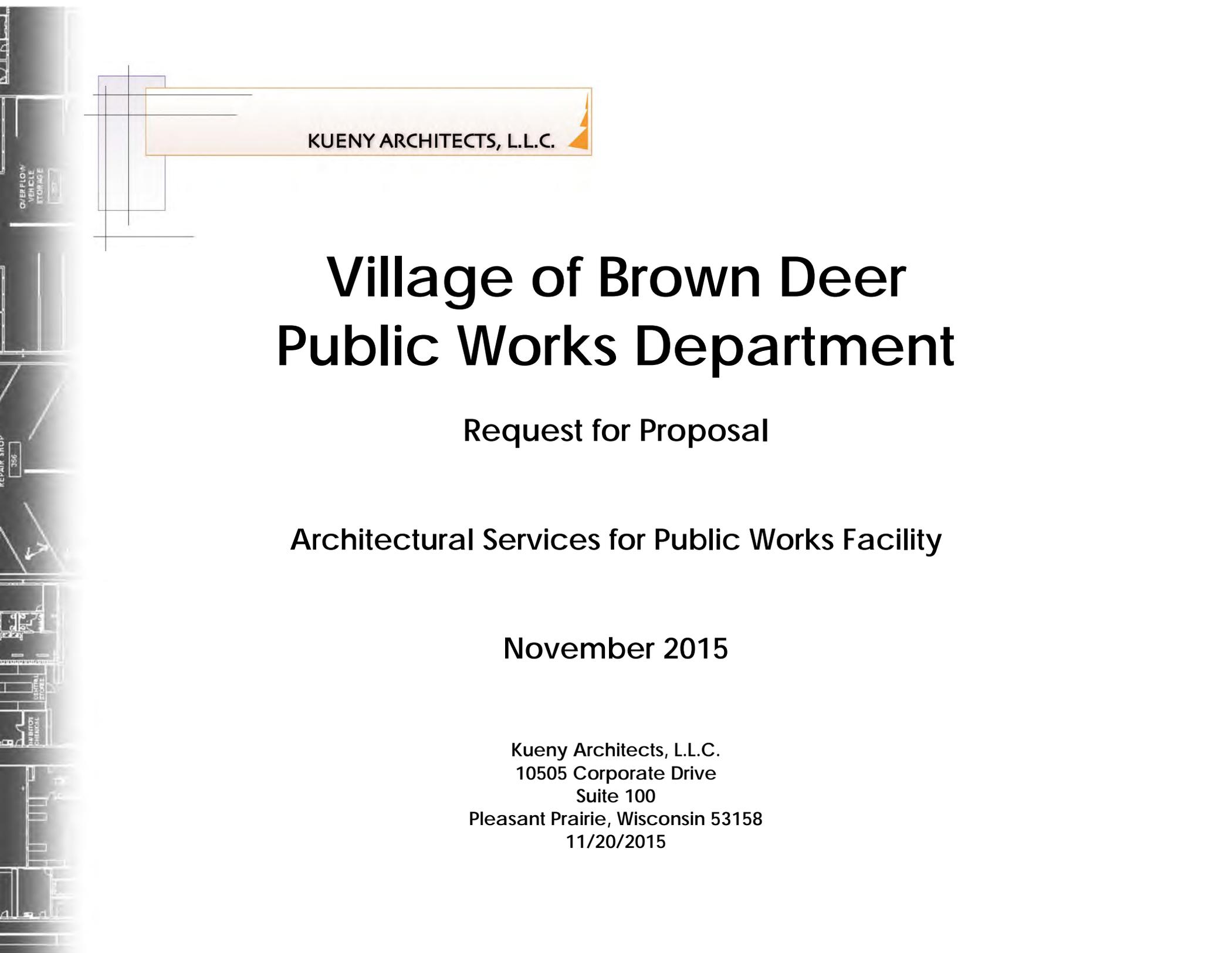
Thank you for your interest in this project, and feel free to call Matthew at (414) 371.3021 or e-mail at mmaederer@browndeerwi.org to discuss the scope of work.

Sincerely,



Matthew S. Maederer, PE
Director of Public Works/Village Engineer

Cc: Michael Hall, Village Manager
Erin Hirn, Assistant Village Manager
Nate Piotrowski, Community Development Director



KUENY ARCHITECTS, L.L.C.

Village of Brown Deer Public Works Department

Request for Proposal

Architectural Services for Public Works Facility

November 2015

Kueny Architects, L.L.C.
10505 Corporate Drive
Suite 100
Pleasant Prairie, Wisconsin 53158
11/20/2015

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LETTER OF INTEREST

November 20, 2015

Village of Brown Deer Department of Public Works
4800 W. Green Brook Drive
Brown Deer, WI 53223

Attention: Mr. Matthew Maederer, PE
Director of Public Works/Village Engineer

Regards: RFP – Brown Deer Public Works Facility,
Architectural Services

Dear Selection Team,

Thank you for the opportunity to present our architectural/engineering services to the Village of Brown Deer. Enclosed, you will find our response to your Request for Proposal. **As the preeminent leader in the field of municipal planning, our firm, Kueny Architects, L.L.C.** has delivered over two dozen similar projects ranging in size from 5,000 square feet to over 300,000 square feet across the Midwest. In Wisconsin, some of our current **Public Works and Highway Facilities** include:

City of Cedarburg Village of Bayside Burnett County City of Mequon City of Oshkosh

This proposal response includes conceptual designs for the Village of Brown Deer. It is our belief that this project will provide an efficient facility for the Village with room to grow in the future. We hope to convey our excitement for this project, and our expertise in the area of fleet operations facilities.

Our ultimate goal is to improve the way you deliver your services to the Village. I'm confident our team of experienced staff and consultants can provide an efficient and cost effective design for a new Public Works Facility for the Village of Brown Deer. I encourage you to contact any of our references listed in this response and to take a tour of some of our past and present City, Village and County facilities. Past clients can attest to our reputation for delivering high quality professional services. We look forward to discussing this proposal further.

Very Truly Yours,

Jon P. Wallenkamp, AIA, ALA,
Partner



City of Oshkosh Public Works

1) FIRM PROFILE – GENERAL INFORMATION

KUENY ARCHITECTS, L.L.C.

10505 CORPORATE DRIVE – SUITE 100

PLEASANT PRAIRIE, WI 53158

PHONE: (262) 857-8101 FAX: (262) 857-8103

MEMBER OF: AMERICAN PUBLIC WORKS ASSOCIATION
UNITED STATES GREEN BUILDING COUNCIL

PARTNERS:

JON P. WALLENKAMP, AIA, ALA - Contact

Contact Email: jonw@kuenyarch.com

JOHN F. SCHMIDBAUER, PE

INSURANCE COVERAGE:

Workers Compensation:

West Bend Mutual Insurance Company

Statutory Limits of Wisconsin

Employer's Liability (per accident): \$ 100,000

Disease (per employee): \$ 100,000

Disease Policy Limit: \$ 500,000

Business Owners Insurance:

West Bend Mutual Insurance Company

General Aggregate: \$ 2,000,000

Products – Completed Operations: \$ 2,000,000

Each Occurrence: \$ 1,000,000

Medical Expenses (any one person): \$ 5,000

Personal/Advertising Injury: \$ 1,000,000

Hired / Non-owned Auto: \$ 1,000,000

Excess / Umbrella Liability: \$ 2,000,000

Professional Errors & Omissions:

Travelers Insurance Company

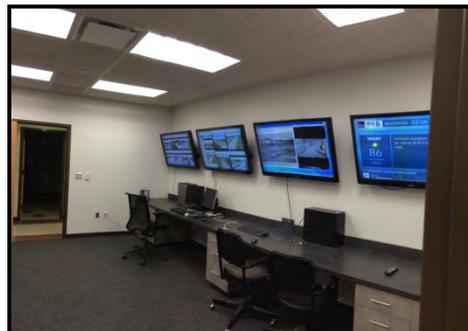
\$ 1,000,000 / occurrence; \$ 2,000,000 aggregate



1) - FIRM QUALIFICATIONS

Kueny Architects, LLC is a full service Architectural & Engineering firm located in southeastern Wisconsin. Founded in 1959 by local architect Robert M. Kueny, Kueny Architects has experience in a wide range of building types. Recently marking its 56th year, the firm has completed over two million square feet of Government Projects across the Midwest in the last 25 years. Our specific experience with these facilities can be seen in the successful projects shown in this proposal. We approach the planning and engineering of buildings with a philosophy that has not changed for 55 years!

Our **Project Team** consists of partners, Jon Wallenkamp, architect and John Schmidbauer, engineer, who have been working together for over 25 years.



THREE REASONS TO CHOOSE KUENY ARCHITECTS

Public Works Facilities are our specialty; it's what we are known for and what we do well. It has driven our talented team of Architects and Consultants to establish lifelong relationships with municipal clients across the Midwest. Our Building Design Team has been working together for over 25 years using the latest design innovations in the industry.

(1) Lower Construction Cost per Square Foot

The average total cost for the vehicle storage and maintenance related areas of most of our Fleet Facilities listed below ranges from \$65 to \$85 per square foot for first class facilities. Based on our experiences, we are confident we can arrive at a design with a substantially lower cost per square foot than any of our competitors.



For the Village's review, we have focused on the completed costs of nine of our closest facilities, nearly all within approximately three hour drive distance from Brown Deer. These costs include salt storage, wash and fuel facilities.

Municipality	Year Built	Total Area	Total Cost	Cost / S.F.	Repair Area
City of Oshkosh	2014	153,000 s.f.	\$13,090,000	\$ 85.56	22,360 s.f.
City of Cedar Rapids	2014	326,400 s.f.	\$19,185,000	\$ 58.78	35,860 s.f.
City of Waterloo	2013	152,700 s.f.	\$8,642,900	\$ 56.60	31,990 s.f.
Town of Salem	2009	75,950 s.f.	\$5,565,000	\$ 73.27	8,760 s.f.
Village of Grafton	2009	68,100 s.f.	\$5,200,000	\$ 76.36	8,760 s.f.
City of Dubuque	2004	145,000 s.f.	\$10,800,000	\$ 74.48	31,180 s.f.
City of Moline	2001	100,000 s.f.	\$6,590,000	\$ 65.90	27,030 s.f.
City of Davenport	1998	240,000 s.f.	\$13,500,000	\$ 56.25	33,670 s.f.
Kenosha County	1993	280,000 s.f.	\$10,360,000	\$ 37.00	32,795 s.f.

(2) Projects are completed with less than 1% in Change Orders

The fact that our **projects are completed with less than 1% in change orders** indicates the success of our upfront planning and understanding with all parties. It also reflects the accurateness and detail in our drawings and specifications and the success of our construction oversight. All members on the team are alert to all aspects of the design and know when to ask questions of other team member's work, giving each project many internal reviews of the entire design package.

Avoiding "Scope Creep" – A Proven Track Record

Project Name	Year	Estimated Cost	Construction Cost	Change Orders*
Kenosha County Center	1993	\$ 10,000,000	\$ 10,360,000	\$ 25,500 (0.25%)
Davenport Iowa Public Works	1997	\$ 11,985,000	\$ 13,500,000	\$ 33,750 (0.25%)
Lake County Weld Shop Addition	2000	\$1,000,000	\$990,000	\$1,100 (0.01%)
Burlington Iowa Service Center	2004	\$ 5,380,000	\$ 4,500,000	\$ 2,500 (0.06%)
Moline Illinois Service Center	2000	\$ 6,000,000	\$ 6,590,000	\$ 3,000 (0.05%)
Randall Fire Station #2	2005	\$ 1,150,000	\$ 1,180,000	\$ 1,400 (0.19%)
Dubuque Iowa Service Center	2004	\$ 11,000,000	\$ 10,800,000	\$ 10,240 (0.09%)
City of St. Peters Solid Waste and Fleet	2009	\$ 3,520,000	\$ 3,500,000	\$ 2,600 (0.07%)
Town of Burlington Fire Station #3	2009	\$ 600,000	\$ 605,000	\$1,300 (0.02%)
Village of Grafton Public Works	2009	\$ 5,800,000	\$ 5,200,000	\$ 3,500 (0.07%)
Town of Salem Public Works	2009	\$ 6,200,000	\$ 5,565,000	\$ 2,800 (0.05%)

*Change Orders (A/E) refers to changes that do not include added or increased project scope made by Owner.

(3) Lower Architectural/Engineering Design Fees

Typically, **our design costs are on the lower end of the scale**, with absolutely no sacrifice in experience and skill. Secondly, our buildings are less costly to construct for a very high level of quality. The bottom line is that the overall project budget is left with more dollars that can be invested in the facility and its operation. We encourage you to contact the users of these buildings to discuss this advantage first hand.

2) – VILLAGE STAFF ASSISTANCE

As with many of our clients, the completion of a major civic capital project is not a regular occurrence. The most recent public building project in Brown Deer was expansion of the Village Hall and Police Station in 1994. The existing public works facility will be 50 years old next year. It is critical therefore to spend the necessary hours in the programming and design phases of the project.

The flipside of the need for the devotion of time to the process is the respect for the time of Village leadership and staff. In most cases, a capital building project is added to the existing duties of those involved. For that reason, design meetings, workshops, and existing facility tours are arranged around busy schedules. We strive to meet people where they are in the setting in which they are most comfortable. Observation can be done without the need for time spent by the village.

- **Our Approach** to all projects is described in greater detail within this proposal. It starts with observing the daily operations and listening to the needs of the Village. Existing building tours help broaden understanding and open minds to operations beyond their own. Workshops provide focus of current and future needs.
- **Our Goal** is to take the feedback we receive from the interview process and provide “real world” design solutions to each specific need.
- **Our Method** relies initially on full involvement from all affected departments during the information gathering and space needs phases of the project. The recently completed study provides a good base of data, i.e. departmental info, staffing, vehicle spatials and expected site improvements. We will use this information as a preliminary basis for our understanding however, it is only a tool. We will rely on our own findings to determine the future needs and possible layouts. Once complete, we will begin offering solutions and will require positive or negative feedback to refine the selected layout.
- **Our Task** is to draw from our experience in designing dozens of similar Public Works Facilities, and provide specific, innovative and cost-effective solutions that will meet the needs of the Village for at least a half-century. Our experience removes a lot of the guess work and allows us to use time efficiently.



3) – UNDERSTANDING AND APPROACH

Project Understanding

Due to the spatial constraints of the current Public Works facility located at 8717 N. 43rd Street, the Village of Brown Deer is requesting professional architectural planning services to design a new Public Works Center located on a vacant 6.5 acre parcel of land immediately south of the current Brown Deer Village Hall and Police Department at 4800 W. Green Brook Drive. The parcel is currently owned by Rite-Hite. The acquisition would enable the Village to build an expanded Public Works Garage and Vehicle Maintenance Facility. It is understood the existing DPW site would be made available for commercial development as part of a TIF district.

Background

In 2015, a feasibility and space needs study was conducted by Bray Architects. The findings concluded that the Department of Public Works (DPW) had the most pressing need for capital improvements and space. Currently, the DPW occupies approximately 29,500 square feet at the current site. The study indicated a need for 31,848 square feet, designed as a **precast concrete/CMU structure**, at an estimated cost of 6.5 million dollars including site acquisition. The village intent is to deliver the project using the general contractor delivery method with an initial contract for design services and a separate contract for bidding and construction oversight. We intend to conduct our own Master Planning & Programming analysis, assessing the current needs of employee offices, amenities, vehicles, equipment storage and shops. The Bray Feasibility Study will be used as a general reference and not a deterrent factor of layout or space.

The current 43rd Street site is approximately 4 acres in size and houses the **DPW and Water Departments**. The DPW operations consist of 16 total employees, (12) FTE's, (2) PTE's, year around and (2) PT seasonal specifically:

DPW

- Highway,
- Sewer,
- Stormwater,
- Recycling,
- Vehicle Maintenance ,
- Signs

The Water operations consists of 5 total employees, (1) FTE, (1) PTE, (1) seasonal and (2) contracted employees.



Existing Site Improvements

Improvements include a salt storage dome, a cold storage pre-engineered building, above ground diesel and unleaded fuel tanks, material storage bins, and a recycling center accepting recyclables, yard waste, waste oil and metal.

Methodology

In order to define the various organizational strengths, limitations and needed spaces, our team members will conduct a cursory review of existing operations and assess the limitations posed by the current facilities. These will include administrative spaces, proper amenities, storage spaces, and vehicle circulation through the building. Shop space(s) will be reviewed along with current and future equipment needs and storage requirements. As for vehicles, we prefer to store vehicles adjacent to their respective offices and shops. Administratively, some commonly shared spaces are possible such as conference rooms, office equipment areas and archives. Amenities could include areas such as training/lunch room and restroom/locker areas.

Spatial interviews will be conducted in a small group or one-on-one. The purpose of these interviews is to gain the perspective of the employees regarding service delivery capabilities, public interaction, physical barriers, and location of existing offices and interaction with other employees or the public.

Moving forward, we propose to define the necessary space needs, accordingly:

- A. Administration
- B. Fleet Maintenance
- C. Employee Support Area
- D. Fleet Equipment /Vehicle Storage
- E. Ancillary Buildings and Site Improvements

A. Administration

We propose to specifically discuss and determine the spatial requirements for the following areas:

- Reception area, frequency of public interaction, and amount / type of various security controls needed.
- Number, type and size of recommended offices for the Director and Supervisory offices.
- Number type and size of any workstations if applicable.
- Plan storage/layout area needed.
- Active and non-active archives and file retention area(s).
- If feasible, a shared, centralized area for office equipment, document preparation and server closet.
- If feasible, a shared conference room, one possibly adjacent to the Director's office.

B. Fleet Maintenance

Our scope of services will analyze the Fleet Maintenance operations and all of its pieces of rolling stock in order to determine type of service being performed on snow and ice vehicles and equipment, parks, and any other vehicles. We will specifically review:

- The parts inventory requirements, parts purchasing, (Just in Time, (JIT)), vendor relationships and numerous other inventory needs and the number and type of bulk products dispensed.
- Active versus inactive parts requirements.
- Brake and battery storage requirements.
- Tire storage, equipment requirements, and outsourcing.
- The number, capacity, and type of hoists (in-ground, recessed, mobile, etc.).
- The possible need for an overhead bridge crane and capacity requirements.
- In ground and take-up exhaust reels.
- Future outsourcing possibilities.
- The current and future maintenance needs of other Village Departments, i.e. Fire, Police if applicable.
- Welding and the possible need for a dedicated bay area and equipment such as bridge or jib crane, weld tables, racks, and electrical requirements.



C. Employee Support Area

- A break-room and area for weather equipment.
- Amenity needs such as restroom, shower, locker rooms, and mud room.
- A small area for uniforms, if this is applicable.

D. Fleet Equipment/Vehicle Storage

Currently vehicles and equipment are stored in both warm and cold storage buildings. Typically all response vehicles with attachments (plow trucks and snow removal equipment), light duty trucks and heavy duty equipment are stored in a warm environment. Seasonal equipment, such as tractors, is usually stored in cold storage. For each vehicle, we will access the make, model, age, size and accompanying attachments, (i.e. plow). From this information we will work with Fleet Maintenance to identify the average age of the fleet and discuss what plans are in place for vehicle replacement. Whenever possible, when stored in warm storage, vehicles should be parked in front of their respective shops.



E. Departmental Shop & Storage Spaces

Water Department

The Water Department will need space to test and store water meters. This space will include a test bench area, with water service, tables, storage cabinets, pallet storage racks for bulk items, and separate storage racks for individual meters. At least one workstation is probably needed with a means to store files.

Sewer and Stormwater Shops

The Sewer and Stormwater Shops will need space to store and test its small to large diameter pumps. This will mainly include pallet racks with possibly a monorail crane used to lift and position pumps unto service vehicles. Workbenches and parts storage cabinets are needed. At least one workstation is probably needed with a means to store files.

Sign Shop

The Sign Shop will need space to store and repair signs, barricades and pylons. This space will need workbenches, tables, vertical and horizontal means of storage for patterns and blanks and fire rated storage cabinets for storing paints and solvents.

Carpentry Shop

The Carpentry Shop will be co-shared by all departments and primarily used to house table saw(s), cutoff saw(s), workbenches, work tables, metal cabinets, and pallet and pegboard racks for tool storage and lumber.

F. Ancillary Buildings and Site Improvements

In addition to Fleet Maintenance and Vehicle Storage, the facility will need to address other areas and equipment such as:

- Review the current above-ground fueling system and design a new system dispensing (A) Unleaded Gasoline, (B) Diesel Fuel, and (C) Propane.
- The existing truck wash is completely inadequate. *At a minimum*, a manual system should be designed with the ability to flush the inside of dump boxes via catwalks. We will also examine the feasibility of installing an automated wash bay capable of washing all DPW vehicles along with other “potential customers” i.e., Police, Village Hall etc. In order to justify the additional cost of an automated system, we will provide a “payback analysis” which will determine the number of years it will take for such a system to pay for itself.
- The Salt Dome will need to be replaced with at least a 1,200 ton dome.
- The recycling area would be open to the public and probably should be positioned near the entrance to the yard, (North).



3) - TECHNICAL APPROACH AND SCOPE

Approach and Scope

Our approach to this project is made up of four distinct phases.

- Phase I – Master Planning/Programming & Needs Assessment
- Phase II – Schematic Design
- Phase III – Design Development
- Phase IV – Construction Document

Phase I – Master Planning/Programming & Needs Assessment Phase

The purpose of this Phase is to review the necessary spatial needs of DPW and Water and determine the footprint and costs required to house all administrative, amenities, equipment, shop, and fleet services. Once complete we will present the needs as conceptual schemes; depicting workflow, room size, adjacencies, facility layout, outbuildings, and material storage requirements on the proposed Green Brook Drive Site. Our specific tasks are listed below, specifically:

- A. Set Project Scope and Schedule
 - 1. Establish organization and agenda for meetings.
 - 2. Establish team interaction, committee members and member roles.
 - 3. Establish project schedule and goals.
 - 4. Provide regular updates to the Village.
 - Meetings will take place at kickoff and all milestones.
- B. Site Characteristics, Green Brook Drive Site (Village provided documents, jointly reviewed)
 - 1. Topographic Survey.
 - 2. Geotechnical Investigation.
 - 3. Wetland Delineation, (through SEWRPC)



- 
4. The site will also be reviewed in terms of:
 - The feasibility or need of connecting the proposed new building with Village Hall.
 - Confirming the permanence of the existing firing range building.

C. Analysis of Existing Facilities, (8717 N. 43rd Street):

1. Kueny Architects will analyze any pertinent existing building and grounds to reveal:
 - What works, what doesn't with existing operation.
 - Analysis of current practices and recommendations.
 - Fixed equipment worth moving to the new facility.
2. Material storage requirements.

D. Analysis of Staffing and Major Equipment Needs

1. Review of current and future storage requirements of all equipment.
2. Need for new capital equipment.
3. Document every FTE and PTE.
4. As a team, develop and circulate respective spatial requirements. Data from this document will be incorporated into the space plan.

E. Analysis of Existing Operations / Staff Interviews:

1. Kueny Architects will conduct interviews with key staff to determine a program of building usage. The team approach is critical in this stage. Kueny Architects does not seek to impose a given solution on the client, rather to provide an outsiders view of current operations. Listening to the client provides a clear picture of the operation.

F. Develop an Initial Spaces Needs Summary Report and Worksheet

1. Collected data will be merged into an initial space needs report.
2. Report will be circulated to key staff for review and comment.
3. Feedback will be incorporated in the Concept Plans

G. Site Considerations (The Sigma Group – James B. Leedom, PE, LEED AP)

Site surveying and civil engineering services for the new DPW facility will be provided by The Sigma Group, Inc. The Sigma Group is a full service civil and environmental consulting firm locally located in Milwaukee. James Leedom will serve as Sigma's Project Manager and Sr. Project Engineer. As a resident of Brown Deer, Mr. Leedom has a vested interest in the successful completion of the project – to provide a functional facility meeting the Village's needs, on-schedule and on-budget. Mr. Leedom will also provide a local presence for the team living within a two minute drive to the facility and the Village Hall. Mr. Leedom has also developed a good working relationship with Village Planning and DPW/Engineering staff having served as the Project Management and Sr. Project Engineer for the recently completed Goodwill facility in Brown Deer. Through his experience on the Goodwill project, he has developed a good understanding of Village requirements and expectations.

One of the initial tasks for Sigma will be to prepare a design survey of the project site. The design survey will include topography, pavements, structures, the 100-year and 500-year floodplain, wetland boundaries (as delineated by SEWRPC for the Village), utilities and easements (based on Title Commitment to be provided by the Village). The survey will be extended onto the adjacent Village Hall/Police Department parcel to accommodate the design of connections between the facilities, extended to the south onto the Rite-Hite property to accommodate potential access from the cul-du-sac on the Rite Hite property and extended to the west to pick up grades, pavements and utilities in the Arbon Drive ROW. The site design survey will serve as the base for design of site improvements, and as such, a complete and accurate survey is essential for the project.

Key issues pertaining to site design are discussed below.

Efficient access and traffic flow through the facility including the public recycling area and connection to the Village Hall/Police Department facility to the north will be critical for a successful project. Various site layouts will be evaluated during schematic design and design development and input/feedback from Village planning and DPW staff will be sought during the design process to ensure Village needs are being met.

Given historic flooding of the area, proper grading and drainage of the facility will be critical. To the extent possible all new facilities will be kept above the 500-year flood elevation to minimize flooding potential.

We understand that wetlands are present on the project site. Filling of wetlands will be avoided.

As the project will disturb more than one acre of land and will create more than ½ acre of the project will require storm water management to meet Wisconsin Department of Natural Resources Milwaukee Metropolitan Sewerage District and Village of Brown Deer requirements. We understand that the Village desires to showcase the new DPW facility as a site with properly managed storm water through a variety of best management practices.



Sigma will evaluate various options for storm water management including conventional wet detention basin systems and more “green” approaches including the use of biofiltration basins, rain gardens and bioretention basins. Given the nature of the activities at the facility, storm water infiltration is likely not a suitable best management practice for the facility. Opportunities for grants for “green” storm water management through the MMSD, the WDNR, the Fund for Lake Michigan and other entities will be identified and evaluated. Sigma would assist the Village with the preparation of applications for any grants opportunities deemed applicable for the project.

We understand that the site may have been historically filled. As such, there may be issues associated with low bearing capacity soils. A geotechnical investigation of the site will be performed to classify and evaluate soils at the site and assign engineering properties. The geotechnical evaluation will be critical for design of suitable, cost-efficient footing and foundation systems for proposed buildings.

Providing a secure site will be an important aspect of the design. Secure fencing and gates will be designed to limit public access to the site while at the same time providing an attractive landscape feature. Separate gates and access for the public drop off area are anticipated. Adequate site lighting will also be an important aspect to providing a secure site.

Given the proximity of the facility to the Village Hall/Police Station and the proximity to the adjacent street right-of-way attractive landscaping will also be an important aspect of the project. Various landscaping schemes will be evaluated with input/feedback from the Village to provide attractive landscaping within the budgetary constraints of the project.

Sigma will work closely with appropriate Village staff from schematic design through preparation of construction and bidding documents to ensure that Village needs are being met. Anticipated site engineering plans include the following: site preparation/demolition, site erosion control, site paving/layout, site grading, site utility and site details. Technical specifications sections for site work will also be prepared.

Site engineering plans will be presented to the Plan Commission, Building Board, Finance and Public Works Committee, Water Commission and Village Board for review and approval. Approval of the site storm water management plan will be obtained from the Village and the MMSD and a Water Resources and Project Permits (WRAPP) application will be prepared and submitted to the WDNR for approval. Plans for private utilities (storm sewer, sanitary laterals/private mains, water laterals) will be submitted to the Department of Safety and Professional Services for review and approval. Any public sanitary or water extensions required for the project will be permitted through the WDNR.

H. Concept Plan Development:

1. Once all the data has been gathered, Kueny Architects will develop several concept plans with varying degrees of complexity.
2. Plans will be reviewed with the team and refined with their input resulting in two or three generic concepts.
3. Conceptual plans will account for changing technologies, i.e. the future use of compressed natural gas, (CNG), electric vehicles, covered material storage, and equipment staging.
4. As a team, we will assess strengths, weaknesses, and operational efficiencies for each plan.



I. Conceptual Estimate of Preliminary Models

1. Each concept plan will be paired with a conceptual estimate of any construction costs in addition to other soft costs.
2. Costs of each plan will be compared side-by-side numerically and graphically for analysis by team members and Village officials.

J. Final Detailed Estimate

1. Upon selection of the final solution, Kueny Architects will expand the conceptual estimate into a total program budget.

K. Facilities Master Plan

1. Upon completion, a Final Assessment Report will be provided. The report will include the following:
 - Study Objectives
 - Process Used and Approach
 - Summary of Findings
 - Cursory analysis of existing Facility Conditions
 - Zoning and Site Characteristics at the Green Brook Drive location
 - Storm water, Transportation, and Utilities
 - Cursory Operations & Staffing Level Review
 - Building Program – Immediate and Future Priorities
 - Building Sustainability
 - Spatial guidelines for each area (required space for each function)
 - Minimum building envelope standards
 - Primary method of construction, (Steel frame with precast concrete panels or concrete masonry).
 - Mechanical and Electrical System Parameters

- Technology Considerations
- Site Master Planning
 - Immediate, Short, Medium, and Long Term Needs
 - Land Use and Sustainability
 - Buffers, Open Space, Landscaping, Screening and Surroundings
 - Site Access, Public Access, and Security
- Estimate of Probable Costs
- Possible Phasing Plans

Phase I - Deliverable Components

- A. A Final Assessment Report documenting the shortcomings of the existing Public Works facility and site located at 8717 N. 43rd Street. The report will include current and proposed spaces documented as a programming spatial worksheet with room by room areas.
- B. Two-dimensional Master Plan of the site and proposed facility depicting schemes of workflows, room sizes, adjacencies, facility layouts, outbuildings, and material storage requirements on the Green Brook Drive site. We understand the site has some wetland issues and will incorporate these conditions into our initial schemes and assess the pros and cons.
- C. Facility elevations incorporating the Village's preferred architectural treatments so as to give it a cohesive appearance in line with the established design guidelines of the Village Hall and Police Department.
- D. Any applicable site data that may affect the overall flow of site and additional cost of the project such as:
 - Utility considerations and possible easements.
 - Parking requirements.
 - Aggregate material storage requirements, (maximums and minimums).
 - Traffic flow, ingress and egress.
 - Storm water management and wetland requirements.
 - Possible yard dock.
 - Security concerns.
 - Environmental impacts.
 - Neighboring properties.
 - Future growth.
- E. Estimated cost of construction for each layout. Costs to be in 2017 dollars.

Phase II – Schematic Design Phase

- A. The Architect will review the completed program with all parties to assure it is understood and carried out in the manner in which it was intended. The result of this phase is the final building and site design including site & floor plans and functional layout.
- B. The Architect will identify any grant opportunities which may include energy efficiencies and green infrastructure inclusions.



- C. At this phase, Kueny Architects will model the final schematic design in a 3-D computer model as part of this work. This software is capable of generating plans, rendering and animations for greater understanding of the final project.
- D. The schematic design phase is the most effective time for a staff information meeting. The design is complete enough to present a well-reasoned explanation of the proposed solution. It is not so far along that the design team can't react to relevant information learned.

Phase III – Design Development Phase

- A. The Architect will lay out the building according to the schematic. The layouts will be reviewed by the design Team and the Village to assure a complete understanding. **The full involvement of all key members will be required.** At this time, the Architect's office would prepare the prints and sketches for review and input and to help explain details that may not be fully understood to all individuals. The result of this phase is the basis for construction documents.
- B. At this phase, the Team will select the mechanical and electrical systems that will be designed in the building, layout basic site engineering, and discuss general framing requirements. Stationary equipment such as vehicle wash systems and hoists will be selected.
- C. The Architect will provide basic construction estimates throughout the Design Development phase with a detailed breakdown upon resolution of the final design.

Phase IV – Construction Documents Phase

- A. The Architect and Consultants will prepare drawings and specifications per applicable codes and standards. Full plan sets will be provided including, Architectural, Civil, Structural, Mechanical, and Electrical plans, sections and specifications suitable for construction result. **Another key to our success is the continuity in the design team.** The same individuals will be with the project from start to finish being sure even subtle elements are not missed.
- B. During the Construction Documents Phase, Kueny Architects will meet with the Village’s design team at the beginning, 30%, 60% and 90% milestones, or as necessary. **Approvals shall go through the Brown Deer Plan Commission, Building Board, Finance & Public Works Committee, Water Commission and Village Board.**
- C. At the 30% milestone, Kueny Architects will present the current plans to the Village for approval. Any comments will be incorporated into the plan.
- D. At the 90% milestone, Kueny Architects will present the final plans to the Village for final approval.
- E. Final construction documents will contain complete design drawings, specifications and incorporate all required State of Wisconsin and local provisions. Prior to release of the documents Kueny Architects will help secure the required State and Local plan approvals. The following are the divisions of work our firm will coordinate for this project. These items are studied and researched by our team on an ongoing basis. Our expertise in each of these areas of service is a true asset to our clients.

Complete Facility Design
Fire Protection
Low Voltage/IT
Bulk Fluid/Hazardous Materials
Fuel Island
State Permitting

Civil Design
HVAC
Capital Equipment
Landscape Design
Storm water Design
Cold Weather Designs

Plumbing
Electrical
Furnishings
Wash Facilities
Water/Reclaim
CNG

Phase II - IV - *Deliverable Components*

- A. Electronic and bound Hard-copies of the final plans will minimally include:

Master Site Plan
Grading Plan
Wetlands Delineation Plan
Lighting Plan

Storm water Management Plan
Utilities Plan
Topographic Survey Plan
Landscape Plan

Full Building Plans
Full Mechanical and Electrical Plans
Floodplain Map
Demolition Plan

B. *If necessary, we will provide a Payback Analysis:* Once all the data is in, we can prepare a Payback Analysis. This document will attempt to determine the amount of years it will take for the selected scheme to pay for itself. Typically this includes:

- Increased value of the fleet due to properly storing expensive pieces of equipment and establishing a vehicle wash program.
- Some deferred maintenance may be eliminated.
- Utility savings as a result of a more energy efficient structure.
- Time saved by making tasks more efficient.



Meetings

Kickoff Meeting. Here we will conduct a meeting with appropriate Village staff and employees. The purpose of this meeting will be to introduce the team, explain the scope and goals, answer any questions or concerns, and convey our philosophy that each and every employee has a stake in the success of the project. We have found that this initial meeting ultimately serves to bring out opinions, suggestions, and powerful constructive criticisms that only work to make the project more meaningful.

Project Team Meeting. This short meeting often immediately follows the Kickoff Meeting. Our team members will meet with Village team members to explain the work plan, and ask any questions; i.e. requested information, access of buildings and equipment, project duration, and availability of team members.

Staff and Departmental Meetings. We will schedule with staff and employees various meetings in order to gain the perspective of the employees regarding service delivery capabilities, public interaction, physical barriers, adjacencies and spatial needs. These meetings will be scheduled throughout the study in order to compile and explain data, and/or explain our means, methods opinions, expectations and conceptual drawings and costs.

We understand at least 12 staff and/or committee meetings are anticipated. We will gladly make ourselves available for additional meetings such as workshops and public information meetings, (PIM's).

Upon completion of Phases I-IV and approval by the Village, we are prepared to offer the following additional construction tasks:

Phase V - Bidding

Phase VI - Construction Oversight.

Phase V – Bidding Phase

- A. Kueny Architects will prepare and submit necessary drawings and calculations for applicable Plan Reviews for Building as well as Mechanical and Electrical drawings. Our team will guide this project through the local and state plan review process including Wisconsin DOT and DNR. We will administrate all the required paperwork and documentation as it relates to any State and Local funding sources. We have worked on projects that have been funded by local, state, and federal fund sources.
- B. Kueny Architects will apply for the prevailing wage determination. All prevailing wage requests are now made electronically.

Negotiation Phase

- A. Kueny Architects will provide the necessary hard copy documents for distribution of plans and specifications to prospective bidders.
- B. Kueny Architects will participate in the following areas as required by the Village.
 - 1. Interview Contractors
 - 2. Write Addenda
 - 3. Pre-bid Meeting
 - 4. Assemble Contractor Lists- Recommendation of Contractor
 - 5. Pre-Construction Meeting
 - 6. Make recommendations of and make presentations
- C. Kueny Architects will provide analysis of the bids and issue a recommendation to the Village.

Phase VI – Construction Oversight Phase

- A. Site Visits – Members of the Design Team will be present on the site consistent with the progress of construction. It is our practice to be an advocate for the Owner in our approach to construction observation services. **All travel related to this project will be included in our fees for services. No per diem charge will be added.**

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- B. Shop Drawings and Submittals -The Design Team will review all shop drawings and submittals in accordance with the design scope. The field coordination of mechanical trades will be done by those trades.
 - C. Job Meetings – Kueny Architects will administer project meetings. It is anticipated these meetings would be held bi-weekly at the construction site.
 - D. Monthly Payment Applications – Kueny Architects, LLC will review and certify the monthly progress payments as is customary. It is anticipated these applications will be made on AIA format documents. In addition, our team will prepare the necessary payroll reporting as required by any outside funding sources.

Project Close-out

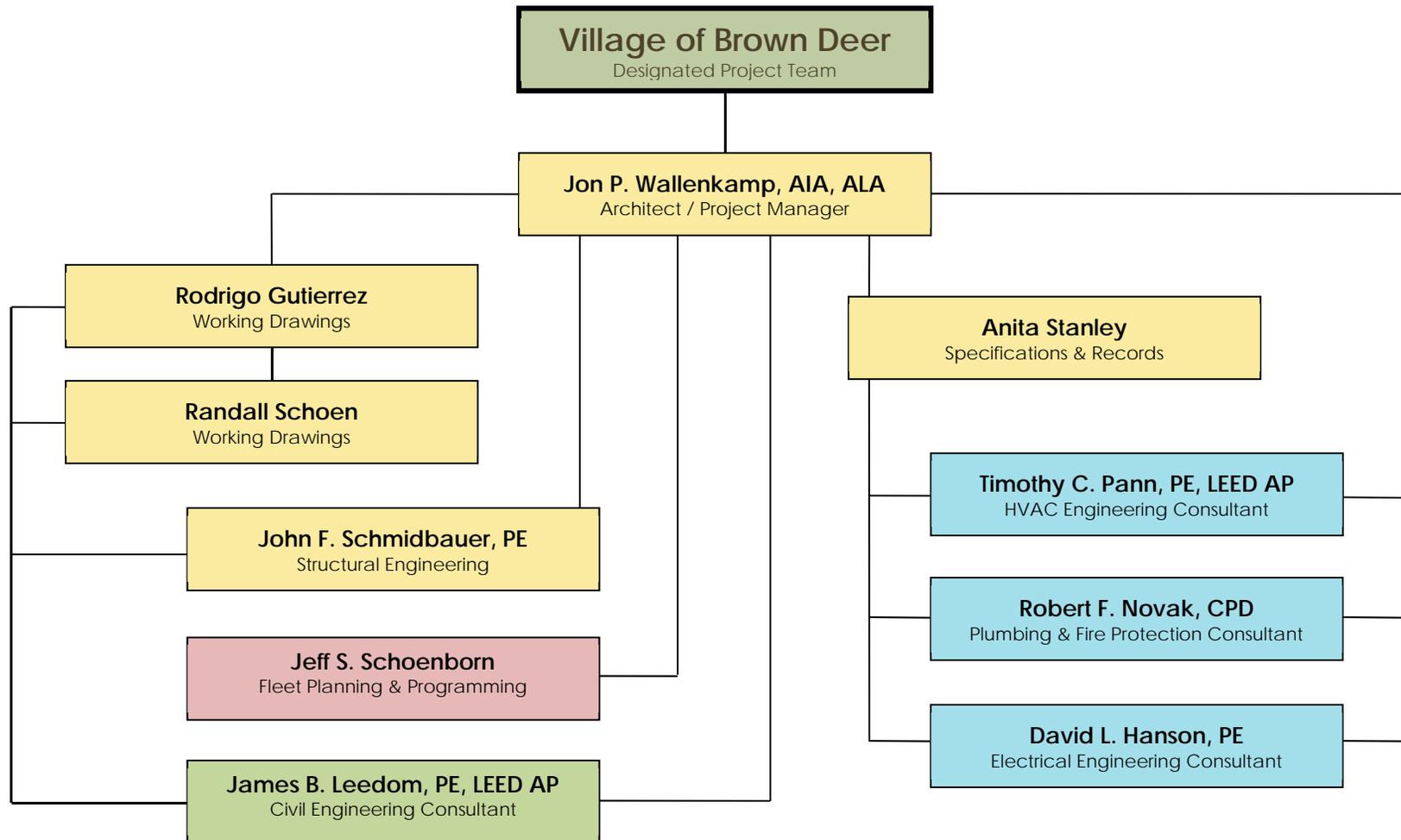
- A. The Architect will organize the final inspection of the project by the Architect, Engineers and Village’s personnel. Based on this inspection, the Architect will prepare and distribute the Punch List to all affected parties.
- B. The Architect will prepare the final Record Drawings (As-built) for presentation to the Village. These will consist of the original contract drawings, updated, changed or redrawn, if necessary, to indicate the actual construction of the project, based on the Architect's own observations and data supplied by the Contractors. Reproductions and digital copies of the Record drawings will be made available for the Owner's future use.

Post Construction

- A. The Architect and consulting Engineers will make themselves available to consult on any matter arising regarding this project for as long as necessary after project completion.
- B. Assuming that the Village-Contractor Agreement requires a one year warranty period for all the work done, the Architect will organize a Warranty Inspection Meeting approximately 11 months after substantial project completion. This inspection will define any areas of the work that will require repair or replacement under the warranty provisions. The Architect will prepare and transmit all written documents required, to inform all parties of these deficiencies

Historically, our clients have benefited from engaging Kueny Architects in two ways. Typically, our design costs are on the lower end of the scale with absolutely no sacrifice in experience and skill. Secondly, our buildings are less costly to construct for a very high level of quality. The bottom line is that the overall project budget is left with more dollars that can be invested in the facility and its operation. We encourage you to contact the users of these buildings to discuss this advantage first hand.

3) – PROJECT ORGANIZATIONAL CHART



3) – BROWN DEER PROJECT CONCEPT

This concept is included to demonstrate our abilities and passion for this project. The configuration is based on our observations of the current conditions and our expertise and experience. The final solution could vary greatly.



NEW PUBLIC WORKS FACILITY
SITE PLAN CONCEPT

NEW PUBLIC WORKS FACILITY
CONCEPT RENDERING



5) - REFERENCES – KUENY ARCHITECTS

Note: References for projects in neighboring communities are listed under those projects.

<u>Name</u>	<u>Title</u>	<u>Agency</u>	<u>Address</u>	<u>Telephone</u>
Mr. David Murphy, PE	Public Works Director	Village of Grafton	1300 Hickory Street, Grafton, WI 53024	(262) 375-5325
Mr. Nate Ehalt	County Administrator	Burnett County	7410 County Road K #116, Siren WI 54872	(715) 349-2181
Mr. Michael Murdock	Public Works Director	Town of Salem	8828 Antioch Road, Salem WI 53168	(262) 843-2356
Mr. Frank Martinelli	Engineering Projects Manager	Kenosha County	19600 – 75 th Street, Bristol, WI 53104	(262) 818-5129
Ms. Dee F. Bruemmer	County Administrator	Scott County, Iowa	600 West 4 th Street, Davenport, IA 52801	(563) 326-8611
Mr. Don Vogt	Public Works Director	City of Dubuque	925 Kerper Court, Dubuque, IA 52001	(563) 589-4250
Mr. Mike Wells	Architectural Services Technician	Waukesha County Public Works	515 W. Moreland Blvd, Waukesha, WI 53188	(262) 548-7195

"Our concerns and issues were handled in a professional manner regardless how insignificant some of the concerns"

"Any municipality or business that hires Kueny Architects will be getting professional services that will provide a quality product"

Mike Atchley - City of Davenport, IA

"Your work with me on the City of Dubuque Operations and Maintenance Facility and now the ECIA/RTA Joint Operations Facility has produced two excellent facilities for our community"

Mark Munson - ECIA/RTA

"When Kenosha County decides to build or remodel any given facility, we conduct interviews for architectural services from architects we believe are experts within our given parameters.

...Kueny Architects came out on top in many occasions."

Tom Walther - Kenosha County

6) - PROJECT EXPERIENCE - SNAPSHOT

Facilities Designed By Kueny Architects	Master Plan	Federal & State Compliance	Federal & State Funding Sources	Winter Climate (1) (2)	Office Areas (3)	Vehicle Parking	Vehicle Maintenance	Vehicle Exhaust & Zoned Heating	Integrated Data & Security, A/V	Wash Systems (4)	Overhead Crane	Vehicle Lifts	Fuel Facility	CNG Vehicles - Storage / Service	Bulk Fluids	Salt Facility
City of Mequon, Wisconsin - Highway Division Addition	X	X		X	X	X	X	X	X	X	X	X	X		X	X
Burnett County - Highway and Forestry Facility	X	X		X	X	X	X	X	X	X	X	X			X	
City of Cedarburg, Wisconsin - Operations Center		X		X	X	X	X	X	X	X	X	X	X		X	X
Village of Bayside, Wisconsin - Operations Center	X	X		X	X	X	X	X	X	X	X	X	X		X	X
Scott County, Iowa - Secondary Roads Facility Additions		X		X	X		X	X	X	X	X		X		X	
Dane County, Wisconsin - Highway Facility	X	X		X	X	X	X	X	X	X	X	X	X	X	F	X
City of Oshkosh, Wisconsin - Public Works Facility	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
City of Des Moines, Iowa - Operations Center	X	X	X	X	X	X		X	X	X	F	F	F	X	F	F
City of Cedar Rapids, Iowa - Operations Center	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
City of Waterloo, Iowa - Operations Center	X	X	X	X	X	X	X	X	X	X	X	X	F	X	X	F
Town of Salem, Wisconsin - Highway and Fire Facility	X	X		X	X	X	X	X	X	X	X	X	X		X	X
Village of Grafton, Wisconsin - Operations Center	X	X		X	X	X	X	X	X	X	X	X			X	X
ECIA/ Regional Transit Authority - Dubuque, Iowa	X	X	X	X	X	X	X	X	X	X					F	
City of Dubuque, Iowa - Operations Facility	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
City of Burlington, Iowa - Municipal Services Center	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
Waukesha County, Wisconsin - DPW Storage Facility		X		X		X		X	X							X
Town of Randall, Wisconsin - Fire Station #2	X	X		X	X	X		X	X	X						
City of Kenosha, Wisconsin - McCarthy Transit Center	X	X	X	X	X	X	X	X	X	X		X			X	
City of Moline, Illinois - Municipal Service Center	X	X		X	X	X	X	X	X	X	X	X	X		X	X
City of Davenport, Iowa - Public Works Center	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
City of Davenport, Iowa - Citi Bus Admin/ Maintenance Addition	X	X	X	X	X		X	X	X	X	X	X		X	X	
Kenosha County, Wisconsin - Kenosha County Center	X	X		X	X	X	X	X	X	X	X	X	X		X	X
City of St. Peters, Missouri - Solid Waste Fleet Facility	X	X			X	X	X	X	X	X	X	X	X		X	
Lake County, Illinois - DOT Misc. Projects	X	X		X	X	X		X	X	X	X	X	X		X	X
	F -	Part of Master Plan Design - Future Phase														
	X -	Part of Master Plan and Construction														



- (1) - Buildings designed for winter weather conditions.
- (2) - Facilities designed to manage operational sludge and runoff.
- (3) - Offices areas designed for sound control and durable finishes.
- (4) - Automatic and/or manual wash systems, reclaimed water.

(PROJECT COSTS LISTED INCLUDE ALL SITE WORK, OUTBUILDINGS, FUEL FACILITIES, AND FIXED EQUIPMENT)

6) – SIMILAR PUBLIC WORKS PROJECTS

(PROJECT COSTS LISTED INCLUDE ALL SITE WORK, OUTBUILDINGS, FUEL FACILITIES, AND FIXED EQUIPMENT)

City of Cedarburg Public Works Facility – Design - 2015

Project: DPW, offices, vehicle maintenance and departmental storage for 36 vehicles and related functions. Full site improvements including fuel island, salt storage and wash bay.

Budget: \$8,100,000 \$114.34/s.f. Area: 70,840 s.f.

Contact: Mr. Thomas Wiza - Director of PW/Engineering
Phone: (262) 375-7610
Email: twiza@ci.cedarburg.wi.us



City of Mequon Highway Division Addition – Design – 2015

Project: DPW and Parks Departments, offices, training room, departmental shops and storage for 53 vehicles & maintenance of 150. Includes a fuel island, salt storage, and wash bay.

Budget: \$ 7,340,500 Addition: 50,840 s.f. Remodel: 9,130 s.f.

Contact: Mrs. Kristen Lundeen PE, Director of PW/City Engineer
Phone: (262) 236-2938
Email: klundeen@ci.mequon.wi.us

Burnett County Highway & Forestry Facility-Design - 2015

Project: Highway, Engineering and Forestry Operations for 35 employees. Storage for 55 vehicles and maintenance for over 200 heavy and light duty vehicles from neighboring municipalities.

Budget \$ 5,000,000 \$70.18/s.f. Area: 71,250 s.f.

Contact: Mr. Nate Ehalt, County Administrator
Phone: (715) 349-2181
Email: nehalt@burnettcounty.org



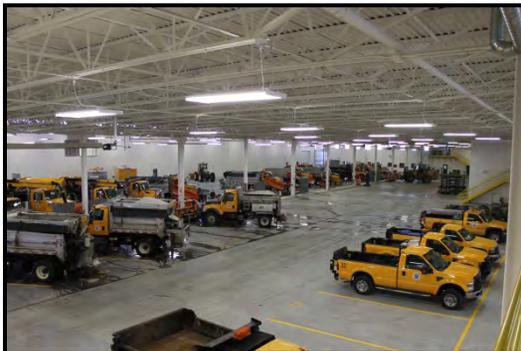
City of Oshkosh – Operations Center – 2014



Project: DPW and Traffic offices & training rooms.
Vehicle storage & maintenance for 71 vehicles.
Fuel island, salt storage, and wash bay.

Cost: \$ 13,090,000 \$85.56/s.f. Area: 153,000 s.f.

Contact: Mr. Kevin Uhen, Field Operations Manager
Phone: (920) 232-5382
Email: kuhen@ci.oshkosh.wi.us



City of Cedar Rapids – Operations Center - 2014

Joint Venture with Neumann-Monson Architects

Project: Public Works, Engineering, Planning and Solid Waste offices for 160 workers and support areas for 209 field employees. Vehicle storage and maintenance for 270 DPW and Transit Vehicles.

Cost: \$ 19,185,000 \$58.78/s.f Area: 326,400 s.f.

Contact: Mr. Mike Duffy, Streets Operations Manager
Phone: (319) 286-5873
Email: m.duffy@cedar-rapids.org



City of Des Moines – Operations Center - 2014

Joint Venture with Neumann-Monson Architects

Project: Parks and Engineering offices for 73 & training rooms. Vehicle storage and shops for 60 vehicles. Phase I of a two-phase project.

Cost: \$ 14,828,000 \$132.33/s.f. Area: 112,050 s.f.

Contact: Mr. Brian Bennett, Fleet Manager
Phone: (515) 323-8940
Email: BBBennett@dmgov.org





City of Waterloo – Operations Center – 2013

Project: Department of Public Works and Traffic offices for 19 workers and 87 field employees. Training room for city wide employee use. Vehicle storage & maintenance for 114 vehicles. Fuel island, salt storage, and wash bay.

Cost: \$ 8,642,900 \$56.60/s.f. Area: 152,700 s.f.

Contact: Mr. Mark Rice, Public Works Director
 Phone: (319) 291-4446
 Email: mark.rice@waterloo-ia.org

Town of Salem – Highway and Fire Facility - 2009

Project: Office and training areas. Vehicle storage & maintenance for 37 total vehicles. Separate highway and fire department apparatus bays. Fire fighter living quarters.

Cost: \$ 5,565,000 \$73.27/s.f. Area: 75,950 s.f.

Contact: Mr. Mike Murdock, Public Works Director
 Phone: (262) 843-2356
 Email: mmurdock@townofsalem.net



Village of Grafton – Operations Center – 2009

Project: Department of Public Works, Engineering and Parks offices for 17 workers and 34 field employees & training rooms. Vehicle storage & maintenance for 46 vehicles. Remote waste and recyclable drop site.

Cost: \$ 5,200,000 \$76.36/s.f. Area: 68,100 s.f.

Contact: Mr. David Murphy, PE, Public Works Director
 Phone: (262) 375-5325
 Email: dmurphy@village.grafton.wi.us

ECIA / Regional Transit Authority – Joint Operations Center – 2007

Project: Intergovernmental agency headquarters and transit vehicle facility. Shared offices for six intergovernmental agencies in a single location.

Cost: \$ 1,730,000 \$ 52.74/s.f. Area: 32,800 s.f.

Contact: Mr. Mark Munson – Director of Transit Operations
Phone: (563) 556-4166
Email: MMunson@ecia.org



City of Dubuque, Iowa -- Operations and Service Center – 2004

Project: Consolidated offices and operations from public works, water, and solid waste departments; coming from eight separate facilities. Vehicle storage and maintenance for 97 DPW and transit vehicles and related functions.

Cost: \$ 10,800,000 \$ 74.48/s.f. Area: 145,000 s.f.

Contact: Mr. Don Vogt – Public Works Director
Phone: (563) 589-4250
Email: dvogt@cityofdubuque.org

City of Moline, Illinois – Municipal Services Center – 2001

Project: Operations center for public works and engineering. Vehicle storage and maintenance for 58 vehicles with related support services.

Cost: \$ 6,590,000 \$ 65.90/s.f. Area: 100,000 s.f.

Contact: Mr. J.D. Schulte, CAFM, CFPF – Fleet Manager
Phone: (309) 524-2380
Email: jschulte@moline.il.us



City of Burlington, Iowa – Municipal Services Center - 2001

Project: Vehicle storage and maintenance for 41 DPW and transit vehicles.

Cost: \$ 4,500,000 \$ 60.00/s.f. Area: 75,000 s.f.

Contact: Mr. Ron Knoke, PE – Public Works Director
Phone: (319) 753-8171
Email: knoker@burlington.ia.org



City of Davenport, Iowa – Davenport Public Works Center - 1998

Project: Administrative offices for engineering, planning, code enforcement, public works, and transit departments. Storage and maintenance for 205 vehicles and related functions.

Cost: \$ 13,500,000 \$56.25/s.f. Area: 240,000 s.f.

Contact: Mr. Mike Atchley – Real Estate Manager
Phone: (563) 327-5149
Email: jma@ci.davenport.ia.us

Kenosha County, Wisconsin – Kenosha County Center - 1993

Project: Government center for highway, public works, planning & zoning, human service & university extension offices. Hearing room and public areas. Vehicle storage and maintenance for 90+ vehicles.

Cost: \$ 10,360,000 \$ 37.00/s.f. Area: 280,000 s.f.

Contact: Mr. Tom Walther, CPE, MSEM, Retired
Phone: (262) 515-0570
Email: Twalther1@wi.rr.com



THE SIGMA GROUP



Sigma is an employee-owned full service environmental and civil engineering firm based in the City of Milwaukee consisting of engineers, scientists, technicians, certified consulting professionals and support staff providing infrastructure, civil, site engineering, environmental, health and safety, construction management and owner's representative services within the public and private sector.

Our Milwaukee-based staff of 58 includes 17 registered professional engineers in civil, mechanical, structural, environmental and chemical disciplines, 2 registered land surveyors, 8 construction inspectors, 8 certified asbestos supervisors/inspectors, 4 certified lead inspectors/risk assessors, 5 certified hazardous materials managers, several Professional Geologists and Registered Hydro geologists, as well as additional engineering technicians, scientists and compliance specialists. Our team of professionals possess capabilities in many computer based applications including state of the art CADD for modeling and site design (AUTOCAD/Civil 3-D), GIS-based special asset management, SLAMM, SharePoint document management, and various databases for environmental information management.

Serving the Milwaukee area since 1981, Sigma's primary function is to help clients manage their costs for development, redevelopment, and facility improvements. We are particularly adept at restoring distressed properties, infrastructure and facilities. Sigma focuses on creating functional, innovative solutions that optimize results for the project, the client and the community. Our diverse range of services, expertise and can-do attitude enable our clients to achieve a successful balance between today's challenges and the long-term need to preserve important resources. Sigma has been serving the City of Milwaukee as the environmental consultant since the mid-1900's assisting with the revitalization of the Menomonee River Valley, the 30th Street Corridor, the redevelopment of Century City (the former Tower Automotive site) as well as a variety of other local properties in the Milwaukee area. Through the diverse services provided to the City, Milwaukee County, MMSD, other municipalities, and private sector developers, Sigma is seasoned in all phases of hazardous materials and environmental management for redevelopment, renovations, and demolition.



7) - TEAM RESUMES – KUENY ARCHITECTS, LLC PRINCIPALS

Kueny Architects, LLC – Principals

Jon P. Wallenkamp, AIA, ALA – Principal – Architect

Programming and Design, Working Drawings, Specifications, Construction Observation and Building Modeling

Education: B.S. Architecture – University of Wisconsin – Milwaukee
Experience: Planning Associates, Madison 1990-1991 – Intern Architect
Robert M. Kueny Architect - 1991 to 1999 – Project Manager
Kueny Architects, LLC – 2000 to present – Principal
Registration: Wisconsin and Illinois
Affiliations: International Code Council
Publications: “Government Fleet” Magazine – May 2011
Engagements: APWA – 2012 Wisconsin and Illinois Chapter Conferences - Lecturer
Community: Boy Scout Troop #146 – Troop Leader
City of Wauwatosa, WI Historical Society – Board Member

Relevant Project Experience: Lead Architect/Project Manager

Kenosha County Center	City of Davenport Public Works Center	City of Moline Municipal Service Center
Kenosha County Molinaro Building	Kenosha County Job Center Remodel	Kenosha County Courthouse Remodel
Town of Randall Fire Station #2	City of Kenosha McCarthy Transit Center	Town of Burlington Fire Station #3
City of Burlington Service Center	City of Dubuque Municipal Service Center	ECIA / RTA Joint Operations Center
City of St. Peters Solid Waste Facility	Town of Salem Highway and Fire Facility	Village of Grafton Operations Center
Lake County DOT Weld Shop	Waukesha County Storage Building	Waterloo Iowa Public Works Facility
Cedar Rapids Public Works Facility	Des Moines Public Works Facility	City of Oshkosh Public Works Facility
Dane County Highway Facility / Site Design	Grafton Water Utility Operations Building	Davenport CitiBus Expansion & Renovation
City of Iowa City Facility Master Plan	City of Mequon Facility Planning Study	Ozaukee County Fairgrounds Buildings
Genoa City Village Hall and Police	Village of Bayside Public Works	Scott County Secondary Roads Facility
Dunn County Transit Facility	Madison Engineering Building Addition	Jefferson County Satellite Highway Buildings
Cedarburg Public Works Facility	Burnett County Highway & Forestry Facility	City of Mequon Highway Division Addition

John F. Schmidbauer, P.E. – Principal – Engineer

Structural Engineering, Working Drawings, Specifications

Education: B.S. Architectural Engineering – Milwaukee School of Engineering

Experience: Kapur & Associates, Milwaukee 1989-90 – Construction Surveying
Robert M. Kueny Architect – 1991 to 1999 – Project Manager
Kueny Architects, LLC – 2000 to present – Principal

Registration: Wisconsin, Indiana, Iowa, Minnesota, Missouri, Ohio

Affiliations: International Code Council
American Concrete Institute

Community: Kenosha YMCA – Board of Directors, Executive Committee
St. Mary Catholic Church – Parish Council – 2004-2010, Trustee Secretary – 2005-2009

Relevant Project Experience: Lead Structural Engineer

Town of Randall Fire Station #2

City of Burlington Service Center

City of St. Peters Solid Waste Facility

Lake County DOT Weld Shop

Cedar Rapids Public Works Facility

Dane County Highway Facility / Site Design

City of Iowa City Facility Master Plan

Genoa City Village Hall and Police

Dunn County Transit Facility

Cedarburg Public Works Facility

City of Kenosha McCarthy Transit Center

City of Dubuque Municipal Service Center

Town of Salem Highway and Fire Facility

Waukesha County Storage Building

Des Moines Public Works Facility

Grafton Water Utility Operations Building

City of Mequon Facility Planning Study

Village of Bayside Public Works

Madison Engineering Building Addition

Burnett County Highway & Forestry Facility

Town of Burlington Fire Station #3

ECIA / RTA Joint Operations Center

Village of Grafton Operations Center

Waterloo Iowa Public Works Facility

City of Oshkosh Public Works Facility

Davenport CitiBus Expansion & Renovation

Ozaukee County Fairgrounds Buildings

Scott County Secondary Roads Facility

Jefferson County Satellite Highway Buildings

City of Mequon Highway Division Addition



7) - TEAM RESUMES – MECHANICAL, ELECTRICAL & PLUMBING CONSULTANTS

Robert F. Novak, C.P.D. – Plumbing, Fire Protection and Process Piping Consultant

Plumbing and Fire Protection Design

Education: Associates Degree, Civil Technology, Structural – Milwaukee Area Technical College

Experience: Prusinski Engineering, Milwaukee – 1976 - 1988
HVP Design, Eau Claire – 1988 – 2000
SDS Architects, Eau Claire – 2000 – 2007
Southport Engineered Systems, Kenosha– 2007 - present

Registration: Wisconsin Registered Plumbing and Fire Protection Designer

Affiliations: Member of NFPA – Licensed Fire Protection Designer
Member of National Pool Operators Association – Certified Pool Operator
American Society of Plumbing Engineers

Engagements: Chippewa Valley Technical College – Instructor

Community: Lake Wissota Yacht Club – Vice – President
American Red Cross – 10 year Service Pin

Consultant for Robert M. Kueny Architect / Kueny Architects - 1976 – present

Relevant Project Experience:

Kenosha County Center	City of Davenport Public Works Center	City of Moline Municipal Service Center
Kenosha County Molinaro Building	Kenosha County Job Center Remodel	Kenosha County Courthouse Remodel
Town of Randall Fire Station #2	City of Kenosha McCarthy Transit Center	Town of Burlington Fire Station #3
City of Burlington Service Center	City of Dubuque Municipal Service Center	ECIA / RTA Joint Operations Center
City of St. Peters Solid Waste Facility	Town of Salem Highway and Fire Facility	Village of Grafton Operations Center
Lake County DOT Weld Shop	Waukesha County Storage Building	Waterloo Iowa Public Works Facility
Dane County Highway Facility / Site Design	Grafton Water Utility Operations Building	City of Oshkosh Public Works Facility
Scott County Secondary Roads Facility	Ozaukee County Fairgrounds Buildings	Davenport CitiBus Expansion & Renovation
Genoa City Village Hall and Police	Madison Engineering Building Addition	Jefferson County Satellite Highway Buildings
Dunn County Transit Facility	Burnett County Highway & Forestry Facility	City of Mequon Highway Division Addition
Cedarburg Public Works Facility		

Timothy C. Pann, P.E., LEED AP – Heating, Ventilating and Air Conditioning Consultant

HVAC Engineering

Education: B.S. Architectural Engineering – Milwaukee School of Engineering – 2000
University of Wisconsin Madison – Design of Geothermal System

Experience: Martin Petersen Company / Southport Consulting 1999-2005
Southport Engineered Systems – 2005-present

Registration: Wisconsin, Illinois, Iowa, Indiana, Ohio, Florida

Affiliations: Member of ASHRAE, ASPE, NFPA and ICC.

Accreditations: LEED Accredited Professional – Building Design + Construction v3.0

Community: St. John’s Cathedral Men’s Choir

Consultant for Robert M. Kueny Architect / Kueny Architects - 1999 to present

Relevant Project Experience:

City of St. Peters Solid Waste Facility
ECIA / RTA Joint Operations Center
Waterloo Iowa Public Works Facility
Dane County Highway Facility / Site Design
Scott County Secondary Roads Facility
Dunn County Transit Facility
Cedarburg Public Works Facility

City of Dubuque Municipal Service Center
Waukesha County Storage Building
Grafton Water Utility Operations Building
Ozaukee County Fairgrounds Buildings
Genoa City Village Hall and Police
Burnett County Highway & Forestry Facility

Town of Burlington Fire Station #3
Village of Grafton Operations Center
City of Oshkosh Public Works Facility
Davenport CitiBus Expansion & Renovation
Jefferson County Satellite Highway Buildings
City of Mequon Highway Division Addition



David L. Hanson, P.E. – Electrical Consultant

Electrical Engineering

Education: B.S. Electrical Engineering – University of Wisconsin – Milwaukee
Graduated with Honors

Registration: Wisconsin and Illinois

Consultant for Robert M. Kueny Architect / Kueny Architects - 1993 to present

Relevant Project Experience:

City of Davenport Public Works Center	City of Moline Municipal Service Center	Kenosha County Courthouse Remodel
Kenosha County Molinaro Building	Kenosha County Job Center Remodel	Town of Burlington Fire Station #3
Town of Randall Fire Station #2	City of Kenosha McCarthy Transit Center	ECIA / RTA Joint Operations Center
City of Burlington Service Center	City of Dubuque Municipal Service Center	Village of Grafton Operations Center
City of St. Peters Solid Waste Facility	Town of Salem Highway and Fire Facility	Waterloo Iowa Public Works Facility
Lake County DOT Weld Shop	Waukesha County Storage Building	City of Oshkosh Public Works Facility
Cedar Rapids Public Works Facility	Des Moines Public Works Facility	Davenport CitiBus Expansion & Renovation
Dane County Highway Facility / Site Design	Grafton Water Utility Operations Building	Ozaukee County Fairgrounds Buildings
Madison Engineering Building Addition	Burnett County Highway & Forestry Facility	Jefferson County Satellite Highway Buildings

Other Public Clients:

City of Racine -	City Hall remodels	Fire Department Station Generators	Bus Storage Lighting
	Radio Tower and Annex Radio Systems Generators		Bus Repair Lighting
	DPW Solid Waste Garage Electrical Upgrades		
Racine Parks Department -	Horlick Field Football and Baseball Field Lighting		Horlick Field Restroom and Storage Facility
	Douglas Park Softball Field Lighting		South Island Park Softball Field Lighting



7) - TEAM RESUMES – SITE ENGINEERING CONSULTANT

James P. Leedom, P.E., LEED AP – Senior Project Engineer

Site /Civil Engineering

Profile:

Mr. Leedom is a Senior Engineer providing project management and technical support for a wide variety of engineering related projects within the areas of municipal, commercial, industrial and residential development. He has more than 27 years of experience in the civil and environmental engineering disciplines and has provided consulting services for both private and public sector clients. Mr. Leedom serves as the lead engineer and project manager on the project team responsible for customer interfacing, coordination of resources and overseeing deliverables.

Areas of Expertise:

- Site Engineering– Municipal Yard Improvements
- Site Engineering – Commercial Developments
- Site Engineering – Residential Subdivision Developments
- Storm Water Management Plans
- Private Utility System Design
- Public Infrastructure Improvements
- Public Utility Extensions
- Site Due Diligence Review

Registrations / Certification:

- P.E., Wisconsin No. E-28041
- P.E. Michigan No. 6201049854
- LEED, A.P.

Registrations / Certification:

- American Society of Civil Engineers
- MMSD Low Impact Development Steering Committee

Education / Training:

- B.S. in Civil Engineering, UW-Milwaukee, 1987

Representative Experience:

Walworth County Department of Public Works; DPW Facility Expansion Schematic Design Study

Walworth County Department of Public Works; Administrative Building Addition

Village of Shorewood Department of Public Works; DPW Yard Master Planning

City of Milwaukee Municipal Fueling System/DPW Yard Upgrades; Various Sites

City of Milwaukee Department of Public Works; Central Repair Garage Storm Water BMP Conceptual Evaluation

Milwaukee County Department of Transportation and Public Works;
General Mitchell International Airport Diesel Fueling System.

Milwaukee County Department of Transportation and Public Works;
Kinnickinnic Bus Garage Fueling and Wash Water Treatment System Upgrade.

PROJECT FOCUS

PUBLIC WORKS FACILITY
CITY OF WATERLOO



625 GLENWOOD AVENUE
WATERLOO, IOWA

KUENY ARCHITECTS, LLC

10505 CORPORATE DRIVE, SUITE 100
PLEASANT PRAIRIE, WISCONSIN 53158

PHONE: (262) 857-8101 WEB: www.kuenyarch.com

VEHICLE STORAGE BAY - POST CONSTRUCTION



EXISTING FACILITY
PRE-CONSTRUCTION



CONFERENCE / TRAINING ROOM



PROJECT:

PUBLIC WORKS FACILITY
CITY OF WATERLOO

625 GLENWOOD AVENUE
WATERLOO, IOWA

COMPLETED - MAY 2014

SIZE OF COMPLEX:

152,700 TOTAL SQUARE FEET

COSTS:

CONSTRUCTION

\$ 8,642,900

\$ 56.60 / S.F.

CHANGE ORDERS (A/E)

\$ 4,700

ARCHITECT FEE

\$ 305,350

GENERAL CONTRACTOR:

LARSON CONSTRUCTION COMPANY

FEATURES:

- D.P.W. & PARKS OFFICES
- TRAINING ROOM
- INDOOR STORAGE FOR:
114 D.P.W. & PARKS VEHICLES
- FULL SERVICE MAINTENANCE
- MANUAL VEHICLE WASH BAY
- FLEET OFFICES & LOCKER FACILITIES
- CARPENTRY & SIGN SHOP
- LUBRICATION DISTRIBUTION SYSTEM
- REUSE OF FORMER HEAVY
MANUFACTURING FACILITY

VEHICLE REPAIR BAY



PARTS STORAGE ROOM



PROJECT FOCUS

HIGHWAY AND FIRE FACILITY
TOWN OF SALEM



11252—254TH COURT
SALEM, WISCONSIN

KUENY ARCHITECTS, LLC

10505 CORPORATE DRIVE, SUITE 100
PLEASANT PRAIRIE, WISCONSIN 53158
PHONE: (262) 857-8101 WEB: www.kuenyarch.com

APPARATUS BAY



VEHICLE STORAGE BAY



VEHICLE REPAIR BAY



LUNCH / TRAINING ROOM

PROJECT:
HIGHWAY AND FIRE FACILITY
TOWN OF SALEM

11252 - 254TH COURT
SALEM, WISCONSIN

COMPLETED - SEPTEMBER 2010

SIZE OF COMPLEX:
75,950 TOTAL SQUARE FEET

COSTS:

CONSTRUCTION
\$ 5,565,000
\$ 73.27/ S.F.
CHANGE ORDERS (A/E)
\$ 2,800
ARCHITECT FEE
\$ 196,000

GENERAL CONTRACTOR:
MIRON CONSTRUCTION

- FEATURES:**
- OFFICES FOR:
SALEM HIGHWAY DEPARTMENT
SALEM FIRE & RESCUE
 - FIRE FIGHTER LIVING QUARTERS
 - INDOOR STORAGE FOR:
29 PUBLIC WORKS VEHICLES
9 FIRE & RESCUE VEHICLES
 - FULL SERVICE MAINTENANCE
 - LUBRICATION DISTRIBUTION SYSTEM
 - MANUAL WASH BAY
 - FLEET OFFICES & LOCKER FACILITIES
 - FIRE TRAINING STRUCTURE

PROJECT FOCUS

MUNICIPAL SERVICES FACILITY
VILLAGE OF GRAFTON



675 NORTH GREEN BAY ROAD
GRAFTON, WISCONSIN

KUENY ARCHITECTS, LLC

10505 CORPORATE DRIVE, SUITE 100
PLEASANT PRAIRIE, WISCONSIN 53158

PHONE: (262) 857-8101 WEB: www.kuenyarch.com

VEHICLE STORAGE BAY



STAFF OFFICES



VEHICLE REPAIR BAY



LUNCH / TRAINING ROOM

PROJECT:

MUNICIPAL SERVICES FACILITY
VILLAGE OF GRAFTON

675 NORTH GREEN BAY ROAD
GRAFTON, WISCONSIN

COMPLETED - SEPTEMBER 2010

SIZE OF COMPLEX:

68,100 TOTAL SQUARE FEET

COSTS:

CONSTRUCTION

\$ 5,200,000

\$ 76.36 / S.F.

CHANGE ORDERS (A/E)

\$ 3,500

ARCHITECT FEE

\$ 262,125

GENERAL CONTRACTOR:

MIRON CONSTRUCTION

FEATURES:

- D.P.W. & PARKS OFFICES
- TRAINING ROOM
- INDOOR STORAGE FOR:
 - 46 D.P.W. & PARKS VEHICLES
- FULL SERVICE MAINTENANCE
- MANUAL VEHICLE WASH BAY
- FLEET OFFICES & LOCKER FACILITIES
- CARPENTRY & SIGN SHOP
- LUBRICATION DISTRIBUTION SYSTEM
- OUTSIDE COLD STORAGE BUILDING
- RECYCLING DROP OFF SITE

PROJECT FOCUS

MUNICIPAL SERVICES CENTER
CITY OF DUBUQUE



925 KERPER COURT
DUBUQUE, IOWA

KUENY ARCHITECTS, LLC

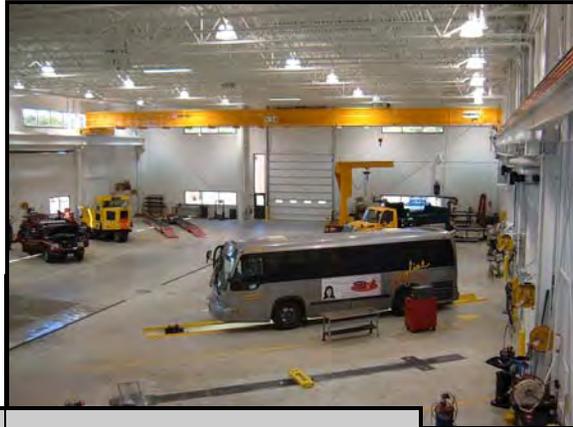
10505 CORPORATE DRIVE, SUITE 100
PLEASANT PRAIRIE, WISCONSIN 53158

PHONE: (262) 857-8101 WEB: www.kuenyarch.com



WATER DEPARTMENT OFFICE

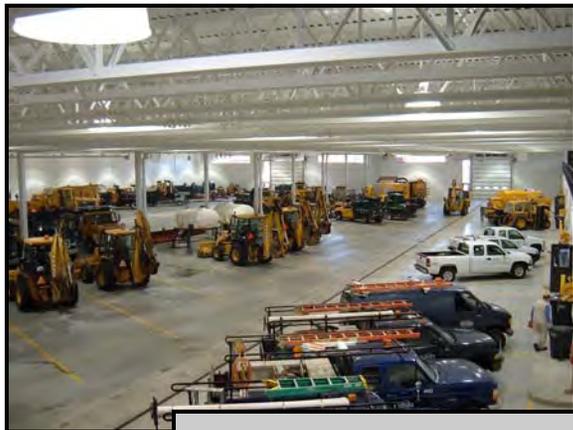
MEN'S LOCKER ROOM



VEHICLE MAINTENANCE BAY



VEHICLE WASH BAY



VEHICLE STORAGE BAY

PROJECT:

MUNICIPAL SERVICE CENTER
CITY OF DUBUQUE

925 KERPER COURT
DUBUQUE, IOWA

COMPLETED—SEPTEMBER 2005

SIZE OF COMPLEX:

145,000 TOTAL SQUARE FEET

COSTS:

CONSTRUCTION
\$ 10,800,000
\$ 75 / S.F.
CHANGE ORDERS (A/E)
\$ 10,240
ARCHITECT FEE
\$ 472,500

GENERAL CONTRACTOR:

PORTZEN CONSTRUCTION

FEATURES:

- PUBLIC WORKS AND WATER DEPARTMENT OFFICES
- INDOOR STORAGE FOR
67 LARGE VEHICLES
30 SMALL VEHICLES
- FULL SERVE MAINTENANCE
- FLEET OFFICES & LOCKERS
- WATER DEPARTMENT
- SUPPORT SHOPS
- SALT & COLD STORAGE
- COMBINED 8 SITES INTO 1
- EMERGENCY GENERATOR
- MEZZANINE STORAGE

PROJECT FOCUS

MUNICIPAL SERVICES CENTER
CITY OF MOLINE



3635—4TH AVENUE
MOLINE, ILLINOIS

KUENY ARCHITECTS, LLC

10505 CORPORATE DRIVE, SUITE 100
PLEASANT PRAIRIE, WISCONSIN 53158
PHONE: (262) 857-8101 WEB: www.kuenyarch.com



OVERHEAD BRIDGE CRANE



VEHICLE WASH BAY



VEHICLE STORAGE BAY



PUBLIC LOBBY SPACE

PROJECT:

MUNICIPAL SERVICES CENTER
CITY OF MOLINE

3635—4TH AVENUE
MOLINE, ILLINOIS

COMPLETED - DECEMBER 2001

SIZE OF COMPLEX:

100,000 TOTAL SQUARE FEET

COSTS:

CONSTRUCTION

\$ 6,590,000

\$ 65/ S.F.

CHANGE ORDERS (A/E)

\$ 3,000

ARCHITECT FEE

\$ 218,450

GENERAL CONTRACTOR:

ABC CONSTRUCTION

FEATURES:

- OFFICES FOR CITY DEPARTMENTS
- INDOOR STORAGE FOR:
 - 36 LARGE VEHICLES
 - 22 SMALL VEHICLES
- FULL SERVICE MAINTENANCE
- VEHICLE WASH BAY
- FLEET OFFICES & LOCKER FACILITIES
- CARPENTRY & SIGN SHOP
- LUBRICATION DISTRIBUTION SYSTEM

PROJECT FOCUS

MUNICIPAL SERVICES CENTER
CITY OF BURLINGTON



3510 DIVISION STREET
BURLINGTON, IOWA

KUENY ARCHITECTS, LLC

10505 CORPORATE DRIVE, SUITE 100
PLEASANT PRAIRIE, WISCONSIN 53158
PHONE: (262) 857-8101 WEB: www.kuenyarch.com

QUICK SERVICE STATION



RECEPTION COUNTER



LOCKER ROOM



VEHICLE MAINTENANCE BAY



PROJECT:

MUNICIPAL SERVICES CENTER
CITY OF BURLINGTON

3510 DIVISION STREET
BURLINGTON, IOWA

COMPLETED - APRIL 2001

SIZE OF COMPLEX:

75,000 TOTAL SQUARE FEET

COSTS:

CONSTRUCTION

\$ 4,500,000

\$ 60 / S.F.

CHANGE ORDERS (A/E)

\$ 2,500

ARCHITECT FEE

\$ 231,270

GENERAL CONTRACTOR:

MERIT CONSTRUCTION

FEATURES:

- OFFICES FOR CITY DEPARTMENTS
- INDOOR STORAGE FOR:
 - 23 PUBLIC WORKS VEHICLES
 - 12 TRANSIT VEHICLES
 - 6 SANITATION VEHICLES
- FULL SERVICE MAINTENANCE
- VEHICLE WASH BAY
- FLEET OFFICES & LOCKER FACILITIES
- CARPENTRY & SIGN SHOP
- LUBRICATION DISTRIBUTION SYSTEM
- WARM & COLD STORAGE BUILDING
- FUEL ISLAND

PROJECT FOCUS

PUBLIC WORKS CENTER
CITY OF DAVENPORT



1200 EAST 46TH STREET
DAVENPORT, IOWA

KUENY ARCHITECTS, LLC

10505 CORPORATE DRIVE, SUITE 100
PLEASANT PRAIRIE, WISCONSIN 53158

PHONE: (262) 857-8101 WEB: www.kuenyarch.com

VEHICLE STORAGE BAY



VEHICLE SERVICE BAY



PROJECT:

PUBLIC WORKS CENTER
CITY OF DAVENPORT

1200 EAST 46TH STREET
DAVENPORT, IOWA

COMPLETED - MAY 1998

SIZE OF COMPLEX:

240,000 TOTAL SQUARE FEET

COSTS:

CONSTRUCTION

\$ 13,500,000

\$ 56 / S.F.

CHANGE ORDERS (A/E)

LESS THAN 0.25%

ARCHITECT FEE

\$ 500,000

GENERAL CONTRACTOR:

HILLEBRAND CONSTRUCTION

FEATURES:

- OFFICES FOR CITY DEPARTMENTS
- INDOOR STORAGE FOR:
 - 103 LARGE VEHICLES
 - 102 SMALL VEHICLES
- FULL SERVICE MAINTENANCE
- WELD SHOP & PAINT BOOTH
- VEHICLE WASH BAY
- FLEET OFFICES & LOCKER FACILITIES
- CARPENTRY & SIGN SHOP
- LUBRICATION DISTRIBUTION SYSTEM
- WARM & COLD STORAGE BUILDING
- SALT STORAGE BUILDING
- FUEL ISLAND

MAIN LOBBY



PARTS STORAGE



PROJECT FOCUS

CIVIC SERVICES COMPLEX
KENOSHA COUNTY CENTER



19600—75TH STREET
BRISTOL, WISCONSIN

KUENY ARCHITECTS, LLC

10505 CORPORATE DRIVE, SUITE 100
PLEASANT PRAIRIE, WISCONSIN 53158

PHONE: (262) 857-8101 WEB: www.kuenyarch.com



VEHICLE STORAGE GARAGE

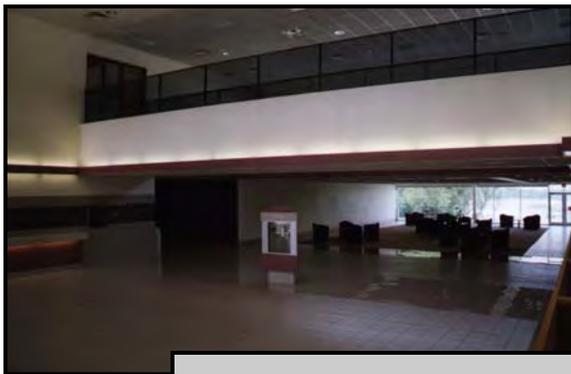
PUBLIC HEARING ROOM



PUBLIC WORKS OFFICES



PUBLIC LOBBY SPACE



SALT STORAGE BUILDING



PROJECT:

CIVIC SERVICES COMPLEX
KENOSHA COUNTY CENTER

19600 - 75TH STREET
KENOSHA, WISCONSIN

COMPLETED—MAY 1993

SIZE OF COMPLEX:

280,000 TOTAL SQUARE FEET

COSTS:

CONSTRUCTION	\$ 10,360,000
	\$ 37/ S.F.
CHANGE ORDERS (A/E)	\$ 25,900
ARCHITECT FEE	\$ 531,780

GENERAL CONTRACTOR:

CAMOSY INCORPORATED

FEATURES:

- Offices for 4 County Departments
- Generous Corridors & Public Spaces
- Large Hearing Room
- Indoor Storage for 90+ Vehicles
- Full Service Maintenance
- Weld Shop & Paint Booth
- Fleet Offices & Locker Facilities
- Carpentry & Sign Shops
- Lubrication Distribution System
- Warm & Cold Storage Building
- Salt Storage Building
- Communications Tower



Brown Deer Department of Public Works
Request for Proposal for Architectural &
Engineering Services
Brown Deer Public Works Facility

Barrientos Design & Consulting Proposal



BARRIENTOS
design & consulting

205 West Highland Avenue; Suite 303
Milwaukee, WI 53203
office **414-271-1812** • fax **414-271-1830**
www.barrientosdesign.com



November 19, 2015

Village of Brown Deer
Matthew Maederer
Director of Public Works/Village Engineer
4800 W. Green Brook Drive
Brown Deer, WI 53223

**RE: PROPOSAL FOR ARCHITECTURAL SERVICES FOR A NEW PUBLIC WORKS FACILITY
Architectural Services Proposal**

Dear Matthew,

Barrientos Design & Consulting is pleased to present this proposal of architectural and engineering services for the new Public Works Facility in the Village of Brown Deer. We are fully prepared and capable to execute the design of this building and site to current industry standards of fleet garage and maintenance facilities.

We have a long history of working on similar fleet garage and maintenance projects for municipalities and counties across the state. There is no design manual on these types of facilities but it is a learned body of knowledge that has taken professional dedication and research to acquire. This is something our company has done since the mid-80's and we continue to track and grow with this professional knowledge.

Similar to your site, many of our previous projects have involved planning and civil design for sites between 1 and 10 acres with specific site functions including yard operations, salt buildings, cold storage garages, equipment storage, material storage and staff and visitor parking. For all of these projects, we have been able to meet our client's operational needs and the budget set by the board. We have a firm grip on efficient layouts and up to date costs from similar projects that have been completed in the last 2 years.

Educating, involving and gaining consensus of the facilities design features will be a key process we will manage effectively. Having worked on so many maintenance facilities, we have a broad perspective on why these buildings are designed the way they are. We can readily justify the sizing, arrangement, and equipment selection of garages. Given the public setting in which this will be designed, we believe it is important to refer to industry standards and peer facilities so the City ends up with an appropriate and state-of-the-art facility.

Barrientos Design is truly excited to begin a working relationship with the Village of Brown Deer and to provide you with our expertise in the design of Maintenance Garage Facilities.

Sincerely,

BARRIENTOS DESIGN & CONSULTING, INC.

A handwritten signature in black ink that reads 'Norman Barrientos' with a long, sweeping horizontal line extending to the right.

Norman Barrientos, AIA, LEED AP
President

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FIRM DESCRIPTION

Qualifications

Since the 1980's our firm has worked on over 60 maintenance facilities for agencies such as Public Works, Highway Departments, Transportation Departments, Utility companies, Parks Departments, Fire Departments and the Military.

We have performed planning, design and construction oversight of large and complex maintenance facilities that involve: Repair Garages, Fabrication Shops, Parts Storage and Warehouses, Heavy Vehicle Parking, Truck Washing, Crew Quarters, Fueling Stations, Salt Storage and extensive Yard storage

Our typical new garage facilities have ranged from \$2 to \$20 million in construction costs with sizes of over 100,000 square feet and site developments spanning from 3 to 30+ acres. Fleet size and composition have involved rolling fleets of over 300 pieces and vehicles types including quad-axle haul, fire trucks, squads and buses.



Project Understanding

Barrientos Design Understands that the Village of Brown Deer is looking for Architectural and Engineering services for the design of a new Public Works facility. This facility will include a garage of approximately 18,000 SF a single repair bay, offices and crew support spaces.

The site will also be home to a cold storage building, a material storage building, salt shed, recycling center and a fueling station. Most of the site will need to be paved for DPW yard functions.

Barrientos Design and the Village staff will work closely to develop a program before moving into schematic design. At intervals to be determined early in the process, Barrientos will provide progress drawings to ensure we are proceeding in the proper direction. Finally, we will provide Construction Administration services to make sure that the design intent is being followed through by the contractor.



Experience

Barrientos Design's experience with maintenance facilities extends through these sample projects and clients:

- Jefferson Central Highway Department Garage
- Fond du Lac County, Campbellsport Garage
- City of Sun Prairie Public Works Garage and Central Repair Garage
- Manitowoc Central Highway Garage
- Door County Central Highway Garage
- City of Oconomowoc Water Utility Garage
- City of New Berlin Consolidation Study
- City of Milwaukee Central Fleet Repair Garage Consolidation Study

Staffing Commitments

Our company was founded by Norman Barrientos, AIA in 1997 and he is the Principal-in-Charge for all projects. The company has a professional staff of eight people with one interior designer. The design staff all have multiple project experience with maintenance facilities fulfilling our company objective that all staff develop this specialized skill. We have three senior project managers in the office that are fully capable of executing and overseeing a design project from start to finish. We currently have the staff availability to take on new work and execute an exceptional design for this new facility.

Our resources beyond our staff include our working studio in downtown Milwaukee where each team member has a Revit license. All of our projects are designed within a BIM framework allowing us to model out the architecture and engineering for comprehensive coordination.

Design Approach

We view maintenance facilities as a flow chart of events that occur throughout the day; from trucks entering to park, the cleaning and prepping of vehicles, to vehicle repair, the distribution of parts, and the movement of the crew. The key design drivers are your fleet size and composition, the mechanic staffing and the various Department crews that will be operating from here.

To capture your facility needs, we start design with on site interviews and group charrettes where key stakeholders, from the mechanics to the department directors, are fully engaged in the decision-making process.





FIRM'S INTENDED RELATIONSHIP WITH VILLAGE STAFF

Barrientos Design intends to engage with Village staff and departmental heads to assure that the program, design, site, and building aesthetics align with the goals of the Village of Brown Deer. We plan on involving a core group of decision makers at agreed upon intervals during programming, design and construction of your new facility.

Barrientos Design firmly believes that good communication is at the root of all successful projects. To that end we plan on working with the Village at the beginning of the project to develop an outline that will act as a guide for what to expect throughout the design process. While there may be times that we need to slow that schedule down, or accelerate it, having the framework in place means that no interested party will feel as though they are being excluded during key points in the process.

PROJECT APPROACH

With the site already having been selected our first task will be to listen closely to the needs of all associated departments and work to finalize the building program. We will then gather all relevant information on the staff, equipment, parts and tools that will need to be relocated to this new facility. We will take this information and then begin schematic design by coming up with several options.

We realize that the plans in the study are in their infancy however some large items that we see in most of our public works designs that have not been considered in this site plan. These items include

- Moving the main garage building and offices closer to the street,
- Staff parking should be adjacent to the garage,
- Public parking should be closer to the building so there is no need to cross traffic to access the building
- Out-buildings (Salt shed, cold storage, and material storage) and yard should be pushed to the East behind the main garage which makes for a more secure site.
- Salt is currently shown as a dome and most of our clients in the last 5 years have been instead going with sheds because they store salt more efficiently.

During the beginning of the schematic design process the project team will finalize the detailed room requirements, select the fixed equipment, conduct preliminary building engineering, create the civil engineering plans, update the cost estimate and then apply this data to the floor and site plans.

This building type has several key design elements that will form the primary functional areas of the building. Each functional area will be considered in detail and designed to work in harmony with each of the other parts. The key final design issues for these primary functional areas are:

1. **Parking/Repair Garage:** Proper sizing and clearance heights of the parking stalls and overhead doors. Establish locations of work benches and provide natural light, compressed air and required electrical service. Provide electric water cooler with bottle filler and hand-washing station. Large ceiling fans in this large space help to provide better air circulation and a better working environment.
2. **Parts & Tire Storage:** Central location to disburse parts and allow vehicle delivery. Depending on delivery and storage practices, space for tire changers, tire racks and hydraulic tube storage.
3. **Wash Bay:** Heated pressure washer with the proper drainage system that provides oil separation. Typically a manually operated pressure wash system with a wall between parking bays to reduce overspray in DPW garage facilities. This can be used as a parking stall for a large vehicle when not in use.
4. **Staff Support:** Extra wide, well ventilated lockers for each crew member, toilet and shower facilities, ready/lunch/training room with casework, time clocks and open CPU stations.
5. **Storage and Mechanical:** Storage space for everything from large equipment to small parts. Mechanical room for building electrical, plumbing and HVAC equipment.
6. **Mezzanine:** Many times a mezzanine can easily be designed into the project above the lockers and crew support to provide additional storage and space for some building mechanicals (including air compressors, hot water heaters, make-up air units etc.)

We understand that the design process will take time to fully develop over the course of the next year and we are willing and capable of moving along at a pace that is appropriate to deliver a product that is well conceived and one that will serve the community exceptionally well over the its lifespan.

EFFICIENCY, QUALITY & COST

As our team moves the project into the Final Design phase, we will emphasize design and construction efficiencies, the quality of building features and components, and finally the costs associated with various design decisions. Barrientos Design will lead the effort to bring each of these factors into balance that will ensure that the final design represents a facility that meets the requirements of the Public Works Department as well as long-term requirements of the County Board.

Within the context of this project, there are several aspects of **Efficiency** that need to be explored and addressed in the final design.

Operational Efficiency

The building program needs to be organized so that the staff can operate the facility in an efficient manner. In an era of reduced operating budgets and leaner staffing, it is critical to ensure that the building systems can be operated in a lean and straightforward manner. Barrientos Design possesses the necessary project experience and industry leadership to apply a depth of knowledge to the design of this facility and site.

Operational Efficiency is also related worker / staff comfort. Providing natural lighting strategies that are balanced with artificial lighting systems improves worker productivity while reducing unnecessary lighting usage.

Building Envelope Efficiency

Barrientos Design is experienced in providing sustainable building solutions. One of the most important factors in considering building efficiency is long-term energy consumption. With energy and utility costs expected rise drastically in the future, it is important to consider investing in energy efficient building enclosures to reduce long-term operating costs.

Our team has in-depth understanding of detailing best-practices that reduce the opportunity for water and air infiltration as well as thermal conductance. In addition, our mechanical systems consultant is well versed in heating repair garages that maximize worker comfort while minimizing unnecessary heat loss and heating loads.

Finally, our team is prepared to evaluate sustainable technologies such as geothermal heating, solar hot water, photovoltaic arrays, waste oil recycling systems, and efficient water systems. In fact, our most recent satellite garage completed earlier in 2015 for Fond du Lac County includes a solar photovoltaic system. We studied several renewable energy systems for them before they decided on integrating the solar photovoltaic system into the design of the garage.

Barrientos Design believes that **Quality** arises out of a decision-making process that is firmly rooted in Value. Our design team has extensive understanding of the various systems and pieces of equipment such as (but not limited to) vehicle lifts, lubrication distribution systems, vehicle exhaust systems, and overhead cranes. Carefully balancing departmental needs and requirements with the costs associated with various features offered by different manufacturers is important to achieving value. This philosophy also extends to decisions regarding building materials, interior finishes and mechanical and electrical systems. Our design team will evaluate every material and design decision to ensure that the County realizes maximum value and pay-back of investment.

We understand that it is our responsibility to deliver a project that is within your project budget. Our extensive experience in this building type gives our team a competitive edge in understanding construction costs, equipment costs and frequently overlooked costs associated with Public Works

Department buildings. We will constantly work to ensure that the design is appropriate to the budget from the outset of the project. We will voice any concerns with the stated project budget as soon as they are discovered and work to reconcile the design.

CREATING A BUILDING INFORMATION MODEL (BIM)

An integral part of our design process will be our BIM platform for generating all building design information. This 3D model will intelligently identify and track the many building components and be able to detect “clashes” and other obstructions. All of our architects have completed projects using this software and continue to find innovative ways of using it as a tool to help our clients understand and visualize their project.

QUALITY CONTROL OF DOCUMENTS

The end deliverable of our services will be the construction documents consisting of drawings, specifications, schedules and cost estimates. In order to control the comprehensive quality of these documents for the bidding and construction process, Barrientos Design will apply these practices:

1. At the onset, developing a detailed work plan that sequences the activities and identifies responsibilities.
2. Assigning qualified staff to the project who have performed this kind of facility before.
3. Organizing our team with clear lines of responsibilities and communication procedures.
4. Providing our staff with the proper software and computer speed to generate the BIM model
5. Providing our staff with sufficient time to organize, execute and review their work.

Upon your approval of the Design Development package, we will prepare Final Design documents incorporating the work of prior phases, develop specifications and tabulate cost estimates. These documents will be sufficient to describe the construction work to the Contractor in a public bidding arrangement. We will also prepare State Plan Review submittals and oversee their approval. For bidding we will attend the pre-bid meeting, field bidder’s inquiries, issue addenda if necessary, tabulate and compare bids and recommend award.

CONSTRUCTION ADMINISTRATION

As part of our design fee, Barrientos Design, is providing construction administration services which include:

- On-site job meetings as required
- Shop drawing review and management
- Change order processing

It is our goal during this phase to keep all interested parties up-to-date on the construction and to give sufficient time to make decisions when changes need to occur due to unforeseen conditions.

DESIGN ASSUMPTIONS

Our fee for full A/E design makes the following assumptions

1. The main garage building that is approximately 200' x 90' and the single repair bay are to be constructed of precast wall panels.
2. The office, lockers and support spaces are between 5,000 and 7,500 SF and constructed as a cavity wall with either CMU or metal stud support.
3. Cold storage and material storage buildings are to be of pre-engineered metal building construction.
4. Geotechnical services are not included; however, we will assist in the procurement of these.
5. Detailed studies or the design of sustainable options (Including geothermal, solar PV, solar hot water, and wind technologies) are not included.
6. That a base survey will be provided.
7. The owner will select, specify and procure separately the systems of: telephones, IT network and computers, radio and antenna. Barrientos Design will coordinate their housing, support, conduit and connections.
8. Our fee assumes building and site functions similar to what is shown in the study and as described in the request for proposal. If additional square footage or building elements are added to the scope then additional fees may be requested.

FEE

Barrientos Design will work diligently with your entire project team from programming through construction administration to meet all project deadlines. We will complete all of the work as outlined in this proposal for a fixed fee of **One Hundred Fifty Four Thousand Two Hundred and Fifty Dollars** (\$154,250).

Reimbursable expenses will include plan review fees, large format printing and travel.

Barrientos Design - Hourly Rates

- Principal - \$175
- Project Manager - \$114
- Project Architect - \$102
- Interior or Architectural Designer - \$82

We are excited to establish a working relationship with the Village of Brown Deer and to execute a solid design that will work well for the Public Works Department for years to come. We appreciate your consideration!

SIMILAR PROJECT EXPERIENCE

Barrientos Design & Consulting has developed an expertise in the design of fleet maintenance facilities in Wisconsin throughout the 30 year history of the company while primarily working with this building type. We are industry leaders and experts in the design of fleet storage and repair facilities and have completed many projects for Municipal and County Governments throughout the State. Below see a list of similar projects that we have designed. More information on the most relevant projects can be found on starting on page 15.



Jefferson County Highway

New Highway Fleet Maintenance and Repair Garage

We were initially hired to complete a programming and schematic design effort and were retained to provide full design services and oversee the project through the construction phase.

Size: 117,500 SF

Cost: \$15.2M

Completion: 2015

Client: Bill Kern, County Highway Commissioner

141 West Woolcock Street Jefferson, WI 53549

tel 920-674-7390



Door County Maintenance

New Highway Fleet Maintenance and Repair Garage

Barrientos Design was hired to design full architectural plans, complete the structural engineering and oversee construction administration. The project included cold storage, salt storage, fueling and the main garage.

Size: 90,000 SF

Cost: \$6.0M

Completion: 2005

Client: John Kolodziej, Highway Commissioner

101 South Duluth Avenue Sturgeon Bay, WI 54235-3812

tel 608-837-0712



City of Sun Prairie DPW Fleet Repair

New Department of Public Works Fleet Repair Garage

Barrientos Design was commissioned by the City of Sun Prairie to assist in the building of a new fleet repair maintenance facility. The building is phase 1 of a plan consolidated all department facilities onto this site.

Size: 15,000 SF

Cost: \$2.0M

Completion: 2007

Client: J.R. Brimmer

201 South Bristol Street Sun Prairie, WI 53590

tel 608-837-3050



Menominee County Maintenance Facility

New Highway Fleet Maintenance and Repair Garage

We were initially hired to provide full architectural drawings and specs and oversee construction administration for a facility that includes vehicle parking, repair bays, crew quarters and administrative offices.

Size: 35,000 SF

Cost: \$3.0M

Completion: 2003

Client: Menominee Highway Department
W2703 Chief Carron Keshena, WI 54135
tel 715-799-3789



Manitowoc County Fleet Repair Garage

New Highway Fleet Maintenance and Repair Garage

Barrientos Design was hired to complete a site master plan that identified all of the ultimate facilities over a three-year period. The new design was developed on a challenging site that was formerly a gravel quarry.

Size: 76,000 SF

Cost: \$5.2M

Completion: 2002

Client: Gary Kennedy, County Highway Commissioner
3500 State Highway 310 Manitowoc, WI 54220-9659
tel 920-683-4353



Calumet County Highway Maintenance Facility

New Highway Fleet Maintenance and Repair Garage

We were hired to develop a complete site master plan, building programming and the design of a highway maintenance facility. Construction documents were completed however the project was not built.

Size: 69,000 SF

Cost: \$8.9M

Completion: 2012

Client: Calumet County Highway Commission
241 East Chestnut Street Chilton, WI 53014
tel 920-849-1434



Fond du Lac County Highway Garage

New Satellite and Minor Repair Garage

Barrientos Design was hired by the Highway Department to study their facilities before designing a new fleet storage garage in Campbellsport. Sustainable design was an objective and a Solar PV system was installed.

Size: 17,700 SF

Cost: \$2.2M

Completion: 2015

Client: Tom Janke, County Highway Commissioner
301 Dixie Street Fond du Lac, WI 54936
tel 920-929-3488



Madison Parks Maintenance Facility

Programming and Master Planning Services

Barrientos Design completed a master plan and facility needs study for a Park maintenance Facility located at an existing site adjacent to a City park. Existing buildings were assessed and a new plan was developed.

Size: 98,000 SF
Cost: N/A
Completion: 2004
Client: Simon Widstrand
tel 608-266-4714



Brown County Highway Garage

New Satellite Fleet Storage and Repair Garage

Barrientos Design completed the remodeling of and addition to the existing fleet and minor repair garage in Greenleaf. The new building created additional space for 14 vehicles and improved functionality.

Size: 10,400 SF
Cost: \$935,000
Completion: 2004
Client: Paul Van Noie, Public Works Director
2198 Glendale Avenue Green Bay, WI 54303
tel 920-492-4925



Milwaukee Fire Dept. and Public Works

Operational and Facilities Consolidation Study

We were hired to lead a study that included space needs tabulations, room planning, site analysis, schematic planning and capital budgeting. Working closely with staff we analyzed consolidation options.

Size: N/A
Cost: N/A
Completion: 2003
Client: City of Milwaukee Buildings and Fleet Department



Oconomowoc Utility Operations

Administration and Garage Expansion

Barrientos Design provided full design services for the expansion of parking and repair garage bays as well as the administrative offices. Mechanic's bays, parts storage, offices and lobby were part of the work.

Size: 11,500 SF
Cost: \$1.2M
Completion: 2002
Client: Mark Frye, Facilities
808 South Worthington Street Oconomowoc, WI 53066
tel 262-569-2196



DNR Ranger Stations

Three New Facilities in Prentice, Plover and Tomah

We were hired to develop plans for three new facilities and create unique takes on the one design to provide the same functional layout while allowing each building to have its own distinct character.

Size:	35,000 SF
Cost:	\$3.5M
Completion:	2015
Client:	Department of State Facilities



Winnebago County

Fleet Storage Garage Addition

Barrientos Design was hired to complete a full architectural plans and oversee construction administration on an addition to the main garage that now houses up to 15 additional heavy-duty vehicles.

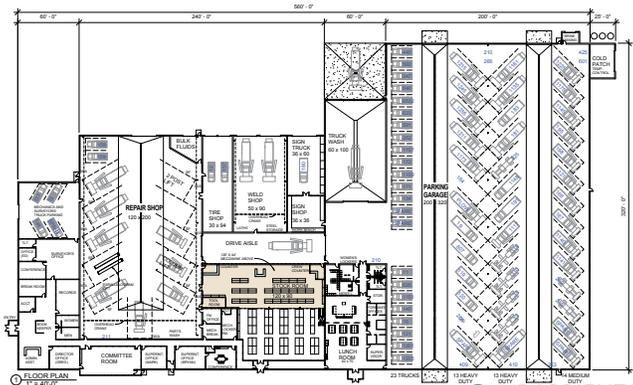
Size:	15,000 SF
Cost:	\$900,000
Completion:	2004
Client:	John Haese, County Highway Commissioner 901 West County Road Y Oshkosh, WI 54901 tel 920-232-1700



Additional Experience

In addition to the recent completed projects that are listed on the previous pages Barrientos Design has worked on many other studies and projects that are similar in nature to the Madison Nakoosa Trail Project. These include:

- Brown County Public Works Garage Replacement Study - 160,000 SF**
- Milwaukee County Central Fleet Redevelopment Study - 235,000 SF**
- Fond du Lac County Central Garage Replacement Study - 122,000 SF**
- City of Sun Prairie Central Public Works Garage - 32,000 SF**
- Dodge County Satellite Shop & Salt Storage Sheds**
- Sheboygan County Highway Dept. Consolidation Study - 140,000 SF**
- Oneida County Highway Department Study - 60,000 SF**
- Waupaca County Central Garage Replacement Study - 75,000 SF**
- City of St. Charles (IL) Public Works Study**
- City of New Berlin Public Works Garage Study**
- Winnebago County Windsor Satellite Shop - 16,000 SF**
- Walworth County Existing Facilities Redevelopment Study - 75,000 SF**
- Marinette County Peshtigo Central Shop Relocation - 48,000 SF**
- WE Energies Oil Storage Building**
- City of Milwaukee Public Works Consolidation Study**





JEFFERSON COUNTY CENTRAL HIGHWAY GARAGE

Jefferson, WI

The Barrientos Design Team is nearing the completion of the Construction Documents for the Jefferson County Highway Department Central Maintenance Facility located in Jefferson, WI. The new 83,500 facility is being designed to house 40 plow trucks and other field equipment. In addition, the building also includes 8 repair bays, a sign & carpentry shop, crew lockers, a lunchroom for a staff of 45 people and support offices for the entire department.

Site facilities include: 30,000 SF Cold Storage Building, 8,000 ton salt shed, 4,000 SF Salt Brine Building, 20K gallon fueling station and canopy, outdoor stock storage, and truck scales. Barrientos Design was hired to design full architectural plans and oversee construction administration.

Size: 117,500 SF

Cost: \$15.2M

Completion: 2015

Client: Jefferson County Highway Department
Bill Kern, County Highway Commissioner
tel 920-674-7390





SUN PRAIRIE DPW FLEET REPAIR FACILITY

Sun Prairie, WI

Barrientos Design & Consulting was commissioned by the City of Sun Prairie to assist in the building of a new fleet repair maintenance facility with administration wing. The facility, with a steel frame and pre-cast panels, covers 15,000 square feet. The garage portion of the building features a mezzanine over the one-story facility. The administration wing includes lockers, bathroom facilities, washers and dryers, and lunch room/training space.

Barrientos Design provided a Siting Study, Master Planning, Schematic Design, Design Development, Construction Documentation, Bidding, Construction Administration and Management for the project.

Size: 15,000 SF

Cost: \$2.2M

Completion: 2007

Client: City of Sun Prairie
J.R. Brimmer
608-837-0712





FOND DU LAC COUNTY CAMPBELLSPORT SATELLITE GARAGE

Campbellsport, WI

Barrientos Design was selected by Fond du Lac County to design a new satellite garage in Campbellsport, WI. Before beginning the design of this facility we were tasked with reviewing and documenting all of the County Highway buildings, vehicles and equipment. After compiling this information we made a recommendation on the appropriate size of the new Campbellsport Garage.

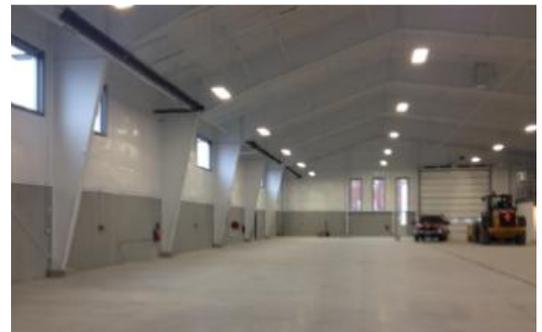
The new 17,700 SF garage features solar panels, a wash bay, natural day-lighting, a mezzanine and a small office component consisting of a ready room, locker/toilet rooms and storage and mechanical space. Additionally, the site contains a 3,500 ton salt shed, 10,000 gallon fuel tank and storage for bulk materials.

Size: 17,700 SF

Cost: \$2.2M

Completion: 2015

Client: Fond du Lac County Highway Department
Tom Janke, County Highway Commissioner
tel 920-929-3488



NORMAN BARRIENTOS
president, principal architect

Norman Barrientos brings 32 years of architectural design experience focusing on the design of fleet maintenance facilities which involve fleet repair garages, fabrication shops, parts storage, heavy vehicle parking, crew quarters and extensive Yard facilities. The first building Mr. Barrientos designed under his licensed supervision was a maintenance facility for a water utility. That was back in 1988 and since then he has gone onto design and plan over 50 maintenance facilities. He has become Wisconsin's leading expert on the design of fleet facilities and he has delivered seminars on the subject at professional trade events.

norman@barrientosdesign.com



registration

Professional Architect:
WI, MN, IL, IA, MI, FL, MA, NCARB

education

Bachelor of Architecture, 1984
University of Minnesota

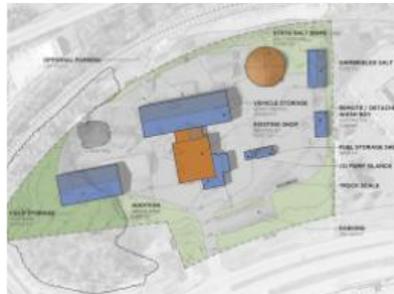
project experience

- Jefferson County New Central Maintenance Facility
- City of Madison Parks Department Maintenance Franklin Field Master Plan
- Manitowoc County New Maintenance Facility
- City of Sun Prairie New Fleet Repair Garage
- City of Milwaukee Fire Department Maintenance Facility Renovation and Expansion Study
- City of Milwaukee Public Works Garage Consolidation Study
- Door County New Maintenance Facility
- Menominee County New Maintenance Facility
- Milwaukee County Central Fleet Garage, Master Plan
- Fond du Lac County New Central Public Works Garage Master Plan and Schematic Design
- Brown County Public Works New Central Garage, Master Plan and Schematic Design
- Fond Du Lac County Public Works Satellite Shop
- City of Sun Prairie Public Works New Central Garage
- City of Oconomowoc Utilities Shop Expansion
- Oneida County Central Garage Master Plan
- Sheboygan County New Central Garage Master Plan and Schematic Design
- Milwaukee County New North Satellite Shop

DOUGLAS FORTON
project architect

Doug brings 12 years of professional practice and wealth of experience specifically with county and municipal heavy-duty vehicle repair facilities. Additionally, he has performed as lead design architect on a wide variety of projects including educational, recreational, religious facilities, office buildings, community centers, and municipal government buildings. He has a strong background in master planning and has seen several heavy-duty repair garage building designs through to completion. Doug is very well versed in Revit BIM software along with visualization techniques.

dforton@barrientosdesign.com



education:

UW-Milwaukee 2004

School of Architecture & Urban Planning

references:

Tom Janke, P.E.

Fond du Lac County Highway Commissioner

301 Dixie Street

P.O. Box 1234

Fond du Lac, WI 54936-1234

Phone: (920) 929-3488

project experience

Jefferson County New Central Maintenance Facility

City of Milwaukee Public Works Garage Consolidation Study

Fond du Lac County New Central Public Works Garage Master Plan and Schematic Design

Brown County Public Works New Central Garage, Master Plan and Schematic Design

Fond Du Lac County Public Works Satellite Shop

Oneida County Central Garage Master Plan

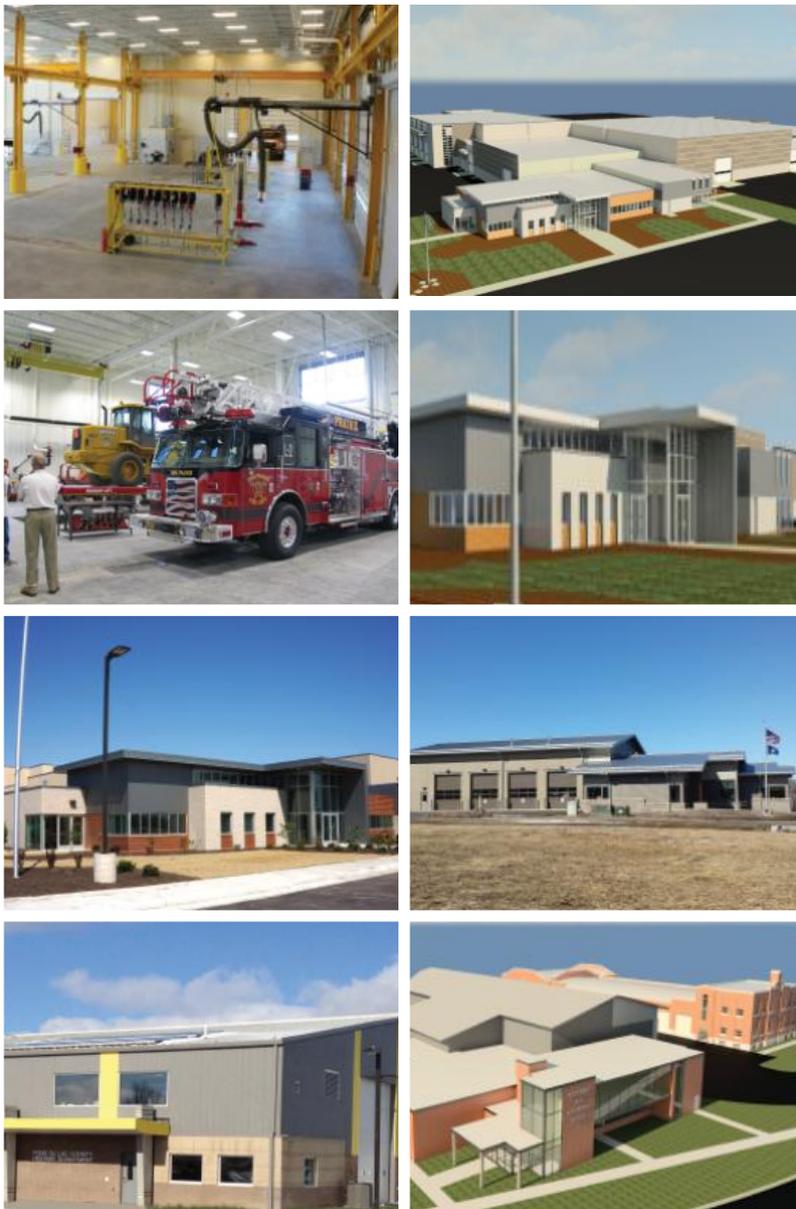
Sheboygan County New Central Garage Master Plan and Schematic Design

Waupaca County Master Plan and Preliminary Design

THOMAS MALLMAN
architectural designer

Tom brings 11 years of experience working with a variety of project types from residential to commercial and industrial. He was the lead designer on the new 117,500 SF Jefferson County Highway Department's new garage and repair facility. Tom's professional interests include green architecture with an emphasis on sustainable design, recycling and using local sources of materials to reduce the impact of the act of building. To this end he helped to introduce the viability of solar power to Fond du Lac County which they used in the design of their new satellite shop to offset the entire buildings electrical costs.

tmallmann@barrientosdesign.com



education:

UW-Milwaukee 2005

Bachelor of Science, Architectural Studies,

community boards:

Kinnikinnic Art Stop Selection Committee

references:

Dave Felton

Felton Engineering, LLC

12910 Hawthorne Lane

New Berlin, WI 53151

(262) 425-6630

project experience

Jefferson County New Central Maintenance Facility

Oneida County Central Garage Master Plan

Calumet County Central Garage Expansion, Master Plan and Design

Dodge County, Lomira Satellite Garage and Salt Storage

Three DNR Ranger Stations in Prentice, Plover and Tomah

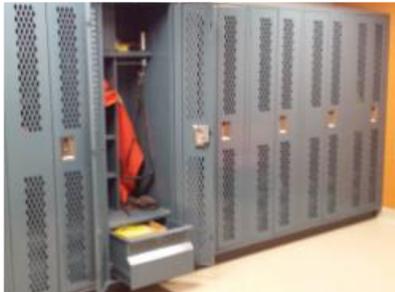
Sustainable Design Report for Fond du Lac County, Campbelsport Satellite Garage

BRIAN HUTCHINSON

project architect

Brian has 16 years of diverse Architectural experience in higher education, commercial and industrial building types. Projects include heavy-duty vehicle repair and storage facilities, large-scale residential, higher education, banks, clinics, and laboratories. From initial design through construction administration, Brian's experience has allowed him to develop solid working relationships with many owners, consulting engineers, and contractors. Attention to details and building codes has greatly assisted him in completing many successful projects. Brian is also well-versed in Revit BIM modeling software.

bhutchinson@barrientosdesign.com



education:

University of Wisconsin - Milwaukee Masters of Architecture, 1999

University of Colorado, Denver, B.A. Mathematics with Honors

community boards:

WI Waterfowl Association, Cedar Creek Chapter Co-Chair

references:

Brett Triebel
Operations Manager
American Packaging Corporation
100 APC Way
Columbus, WI 53925
920-623-1063

project experience

Jefferson County New Central Maintenance Facility

WE Energies Oak Creek Offices

Fond du Lac County New Central Public Works Garage Master Plan and Schematic Design

Brown County Public Works New Central Garage, Master Plan and Schematic Design

Fond Du Lac County Public Works Satellite Shop

Oneida County Central Garage Master Plan

Sheboygan County New Central Garage Master Plan and Schematic Design

City of New Berlin Public Works Facilities Study

LISA MORGEN
interior designer

Lisa is an interior designer with 6 years experience in the public, healthcare, corporate and educational design markets. She is versed in project management, programming, space planning, furniture and finish selections, AutoCAD and the development of standards. Her work includes the renovation of lobbies, offices, exam rooms, higher education classrooms and innovation showcases.

In her free time, she enjoys hiking, cross-country skiing, yoga, and photography.

lmorgen@barrientosdesign.com



education

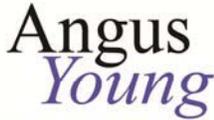
Bachelor of Arts
Brandeis University
Associates Degree Interior Design
Milwaukee Area Technical College

references:

Brett Triebel
Operations Manager
American Packaging Corporation
100 APC Way
Columbus, WI 53925
920-623-1063

project experience

Jefferson County New Central Maintenance Facility
WE Energies Oak Creek Offices
Fond Du Lac County Public Works Satellite Shop
Mount Mary University, Student Welcome Center
Milwaukee Area Technical College, Academic Advising Center
Calumet County Central Garage Expansion, Master Plan and Design
Fond Du Lac County Public Works Satellite Shop
American Packaging Corporation, New Office Addition
Department of Military Affairs, Madison Armory Building
Steinmeyer Office Building, Interior Remodeling



Architecture | Engineering
Interiors | Landscape

Balance in Creativity

November 19, 2015

Mr. Matthew Maederer, PE
Director of Public Works/Village Engineer
4800 W. Green Brook Drive
Brown Deer, WI 53223

Dear Mr. Maederer and Selection Committee:

On behalf of Angus Young Associates (AYA), I am pleased to present our proposal for architectural and engineering services for the highway department facility. AYA is a full service Architectural, Engineering and Interior Design firm and we have a qualified and responsive team that will meet the needs of the village and community.

We have prepared our proposal to directly respond to your request. The RFP is organized with tabs that correspond to those identified in the RFP.

AYA has extensive experience in providing architectural and engineering services for public buildings and would like to be considered for this project. We have been fortunate to work with several municipalities on their public works facilities in the past and are confident that we will be able to provide the professional services for this project. Adam Hertel, project manager, works three days a week from West Bend, this relative close distance will allow us to be available should a situation come up where we need to be present on the site.

At Angus-Young Associates, we pride ourselves on our commitment to listen, understand, and communicate with our clients in the effort to provide the specific needs of each project. Listening to your specific goals and project requirements places your needs as the focus of the design. Understanding the needs of the community, conditions at the site and the specific operational requirements of the departments are critical to success. Effective communication with you will assure that your project is designed for your department and community's needs and that the results meet your goals.

We understand the operational functions of municipal facilities, and are sensitive to your goals to have an attractive, efficient facility that meets the needs of the village, administration, staff, and visitors. Our goal is to provide you with the professional experience and expertise that will enhance the outcome of your project. If you have any questions or need additional information, please call me at 608.756.2326.

Sincerely,

Jeffrey Hazekamp, AIA, NCARB
President

General Firm Information

Office Locations

Angus-Young Associates, Inc.

Architecture ■ Engineering ■ Interior Design ■ Landscape
555 South River Street
Janesville, Wisconsin 53548-4783
Phone (608) 756-2326 Fax (608) 756-0464

16 N. Carroll Street, Suite 610
Madison, WI 53703
Phone (608) 284-8225

www.angusyoung.com

Principals

Jeffrey L. Hazekamp, AIA, NCARB, President, Architect
Joseph J. Stadelman, AIA, LEED AP, Vice President, Architect
Zachary Goswick, P.E., S.E., Secretary / Treasurer, Managing Engineer, Structural Engineer

Firm Description

Angus-Young Associates, Inc. is a full service architectural, landscape architecture, engineering and interior design firm providing high quality design solutions, construction documentation, bid management, and construction services. Registered architects, engineers, and interior designers carry out the development of all projects. Our team's involvement starts during initial development of the design and continues through completion of construction.

As a design firm, we bring an innovative and fresh perspective to all of our projects, whether the project is a study, programming & planning, renovation or new construction. We are knowledgeable in all building systems and we have an interactive approach to working with clients. Our ability to listen to our clients and involve them in the decision making process allows us to develop and produce successful projects for them.

AYA design teams specialize in these project types:

- Municipal and government projects
- Commercial and industrial projects
- Health care facilities, clinics, hospitals, skilled nursing, CBRF's
- Religious
- Institutional / education and private sector clients

Firm Size

The firm has a staff of approximately 23, including registered architects, engineers, project managers, technicians, interior designers and support personnel. Our construction projects range from \$40 - \$55 million annually. AYA is also affiliated with GMB Architecture + Engineering and we have a Madison Office and a satellite office in West Bend, Wisconsin. AYA affiliate firms have a combined staff of over 100.

History

1956 – 1971	Lincoln Frelich, AIA, and James Angus, AIA
1972-1981	Frelich-Angus-Young Architects
1982-1987	Angus-Young Architects
1990	Acquired Noble Rose Associates
1988-Present	Angus-Young Associates, Inc.

Qualifications

Full Service Firm

Architectural Design: Site Selection Analysis; Programming; Master Planning; Phased Development; Building Design including New, Additions, and Renovations.

Structural: Design of all types of structural systems.

Mechanical Design: Heating, Ventilation, Air-conditioning Systems; Controls; Piping Systems; Process; Indoor Air Quality; Boiler Replacements; Chiller Replacements; and system evaluations and upgrades.

Electrical Design: Power Systems; Alarm Systems; Lighting Systems; Computer Networking; and, Communication Systems.

Interior Design: Furniture and Equipment Selection and Specification; Space Planning; Color Selection; Material Selection; Window Treatments and Signage.

Site and Landscape Design: Our Landscape Architect has specific qualifications in site design; Landscape Design; Storm Water Management Plans, and storm water quality system design. Coupled with our engineers, we also provide site utility and site lighting design.

Energy Management: Audits; Equipment Analysis; Emergency / Standby Systems; Alternative Fuels; Uninterruptible Power Systems; Energy Payback Analysis Cogeneration; and, Conservation Procedures.

Cost Analysis: Budget Management: Conceptual Estimates; Budget Development; Construction Estimates; Feasibility Studies; Contingency Estimate; and, Cash Flow Projections.

Value Engineering: Design Review; System Analysis; Life Cycle Costing; and, Budget Control.

Post Occupancy / Facility Management: Document Management; Facility Management; Roofing; Emergency / Exit Planning; Computerized Documentation; Post Occupancy Evaluations; and, Preventive Maintenance Planning.

Knowledge of Public Works

Angus-Young Associates has completed design for over 750,000 square feet of municipal vehicle maintenance facilities; 18 new buildings with similar requirements for Alliant Energy; fleet maintenance and storage facilities for private companies; and, designed over 480,000 square feet of additions for Janesville General Motors Assembly Plant for their medium duty truck, bus and suburban/blazer assembly, testing and maintenance areas.

Our understanding of the project's requirements will be determined as meetings are held with the administration and key personnel to define spatial needs, particular adjacency requirements, equipment and furnishings needed for efficient operations. Even though we have significant public works facility design experience, we believe that each client's needs are separate, unique, and require a creative approach.

The Planning and Design Phase of a municipal maintenance facility differs from other types of projects; designing this type of building is done "from the inside out." Angus Young's design experience includes areas for planned maintenance, unplanned maintenance, major repair work, specialized work, heated and cold storage areas, and offices and other support areas for employees. Driveways and parking are designed to be convenient and safe for employees and for the public.

Site Requirements:

- Vehicular circulation
- Public/private access
- Storm water management
- Future expansion

Off-site Issues:

- Location of the proposed renovated or new facility relative to traffic patterns and impact of disabled vehicle locations on operations
- Safe access from busy streets by public & emergency vehicles
- Controlling traffic signals to allow unobstructed movement, if necessary
- Professional, civic image of the facility by the public
- Clearly identifying the public entrance, access and parking area

Building and Operations:

- Personnel list (quantity and type)
- Fleet size and composition
- Preventative maintenance versus critical maintenance
- Ratio of mechanics to maintained fleet size
- Centralized versus decentralized maintenance equipment

- Types of maintenance equipment required
- Driver side turns and minimizing backing of vehicles
- Indoor air quality and pressurization
- Lighting levels and color rendition
- Design temperatures (office, vehicle maintenance, versus storage areas)
- Sound Control
- Library and archive facilities
- Offices
- Break and training facilities
- Secure storage of small tools and diagnostic equipment
- Vendor access

Vehicle Maintenance

These facilities are designed to accommodate large vehicles such as trucks, road graders, plows, tracked vehicles, and construction equipment. Each building is designed to meet the needs of the department. Most of the services centers we design include: overhead bridge crane; jib lift(s); a variety of fixed and portable large and small vehicle lifts; lubricant distribution systems; compressed air; convenience power and lighting and other related systems. Where feasible our facilities incorporate interior traffic circulation and direct access from vehicle storage to maintenance which accommodates large trucks and reduces heat loss through overhead doors. Other considerations in the vehicle maintenance area include waste oil system, flammable liquids storage, tools and parts storage areas and hardened flooring systems for tracked equipment.

Mechanics Office / Library

Providing a clean, organized, quiet office space for mechanics to access on-line and printed resources, call vendors and manage repair activities is an important resource for mechanics. Many times because of the relationship between employee toilet facilities and mechanic areas, we suggest a mechanic toilet room. This not only is more efficient but also helps keep the main toilet facilities cleaner.

Parts Management

Central to vehicle maintenance are parts. Many of the communities we work with track parts and maintenance to each vehicle. This requires space for parts the manager to access resources, order parts and provide parts tracking for vehicles. Because of the variety of size, shape and quantity of parts required, a well-organized parts area is needed. Many types and sizes of parts storage units should be incorporated as well as mezzanine space with overhead or jib access for large, heavy or bulky equipment. The parts room must also have a receiving area where incoming and returned parts are received, unpacked and processed. Man door and overhead doors are required with site access for delivery trucks.

The service window to the vehicle maintenance shop is critical to efficient operations. Location of the service window as close to the center of the shop is most efficient.

Bulk Lubricant Dispensing Systems

All of our fleet maintenance facilities have included the use of bulk lubricant dispensing systems. Typical 'pumped to use' lubricants include multiple weight oils, chassis grease, anti-freeze, automatic transmission and hydraulic fluids. Other fluids used in lower volumes may be dispensed from a central dispensing location and system. These systems have provisions for leak detection and spill containment and have recovery capabilities. In addition, most facilities have waste oil collection system, flammable liquids storage, and fueling systems.

Tire Repair

Providing direct access to the shop and tire storage, the tire repair area should be secure from other personnel with hardened walls in case of a tire blow. The space must provide adequate space, compressed air, power and lighting for tire repair equipment and to maneuver and repair large, heavy tires. Although not required, sloped floor, floor drain and hose bibs are desired.

Welding

Welding areas are most typically used to weld broken parts on vehicles and fabricate special equipment for operations. As well as providing adequate space for welders, cut-off saws, grinders, band saw and welding bench, additional flat floor space is needed to layout and weld projects. Within the welding area steel storage racks, no less than 20' long should be provided. This area should also have access to the overhead crane and/or jib. An overhead crane is much more functional and efficient than the jib.

The welding area should be directly adjacent to a large vehicle service bay so on-vehicle welding may be accomplished. This service bay should include heavy duty floor pull imbeds for straightening and securing equipment.

Exhaust and make-up air systems are a critical feature of the welding area and incorporating point of use (snorkel) and general exhaust systems must be included. We typically recommend combination of systems with individual control to allow the welders to provide the balance between air quality and energy use.

Hydraulic Hose Repair

This function is especially important during snow plowing when a hose breaks and quick replacement to get the plow back on the road is required. We recommend this work area be adjacent a quick service bay for most efficient operations. The space or room should have a work surface with a hose cutting saw, exhaust and space for variety of hose sizes on easily accessible reels. Storage bins for ends and connections should also be within the space.

Vehicle Wash

We typically locate the vehicle wash adjacent the main entry to vehicle storage so returning equipment may drive into the wash bay from the site and exit into vehicle storage. This eliminates the frozen drive on the exit side of the wash bay. We have designed a variety of wash bays but all are: large enough for the largest piece of equipment; high pressure wash systems with hoses and wands; manually operated exhaust system; and floors sloped at ¼' per 12" to large capacity catch basins. This bay should be completely separated from other spaces so humidity from wash bay is exhausted and not spread throughout the facility and all wall and ceiling surfaces should be hard and smooth (filled and painted concrete block or steel).

Other considerations for wash bay include: using make-up air from vehicle storage rather than make-up air unit for wash bay; hose management with hoses supported from stainless cables off the floor; automatic pre-wash system as vehicles enter wash bay; and underbody washer (fixed or portable).

Paint Shop

Paint shop should be large enough for the largest piece of equipment being painted. The space must be completely separated from all other vehicle repair areas because silicon in the air (used in other shops) will destroy a paint project. We suggest that the whole bay be the paint booth with end-wall distributed exhaust (same as a paint booth) and make-up air system that provides laminar air flow at 100 feet per minute across the room. Wall and ceiling lighting must be provided so that all surfaces of the project are easily visible. Walls and ceilings should be void of horizontal ledges or surfaces and be hard, smooth and washable. Floors should be provided with ¼" per 12" slope to central room trench drain. Hose bibs and compressed air convenient to the entire space should be provided.

Adjacent the paint bay a paint mixing room and paint storage room should be provided. These again need good convenience outlets, hose bib, lighting, ventilation and cleanable surfaces.

Vehicle Storage

Considerations for development of vehicle storage area should include: adequate stall space for maneuvering and adjacent storage of accessory equipment; drive and maneuver lanes for safe and efficient flow of traffic; clear height to allow dump box raising to at least first safety stop; sloped floors to trench drains and garage catch basins; hard durable walls (at least to a height of 4 feet); hard non- moisture absorbent finishes; convenience outlets, hose bibs and compressed air drops within reach of entire vehicle stall; automatic door operation utilizing loop detection system; good general lighting; efficient make-up air and exhaust systems.

Employee Areas

AYA projects may have several different employee areas, depending on the needs of the client: administrative offices, staff offices, employee entrances, file rooms, mail/copy areas, lunch rooms, break rooms and concession areas, and barrier-free locker rooms, showers, and rest rooms. Our experience includes numerous projects which have classrooms, training facilities and conference facilities.

Operational Efficiency

Development of good operational efficiency is attained by looking at the operations from several aspects; adjacency, frequency and volume. These are very generic terms but they are used to define the relative importance to attain operational efficiency.

Adjacency: in good public works facility design, adjacency of critical functions is the most important aspect to consider. Relationship and access is important from the big picture issues such as between major functional areas on site and within the building(s) including, access, turning movements and alleviating congestion to the layout and design of equipment at each maintenance bay and relationship to parts and fluids. Once the volume and frequency of the operations are established, the relative importance of the adjacencies are established to provide the most efficient operation. These adjacencies are then developed into an operational efficient plan.

Volume: handling of large volumes of materials should be managed in the facility to reduce the distance that these larger volumes should be moved. The support functions for these areas are based on the volume or size of materials being handled for movement and access. Design of public works facilities must be design around current and anticipated future equipment requirements. For example: if the fleet is based on single, dual or triax dump/plow trucks with the size of plow and spreaders, the width of access aisles and size of bays must be sized so that multi-point turns are not required.

Frequency: Just as in an efficient warehouse operation the most frequently picked items are closed to the shipping area. In all operations, efficiency is improved when the highest frequency of an activity is considered when evaluating the importance of the adjacency of related operations. In this project, the frequency of an operational occurrence will establish the relative importance of the relationship. For example: the number of times a mechanic needs to get parts is generally much higher than the times a mechanic needs to get specialty fluids (fluids not pumped to the bay); therefore, access to parts counter is more important than to bulk fluids room.

Visual and acoustical consideration should also be considered when improving efficiency in a facility. Operational efficiency is not always about reducing the number of steps taken. If a function can be improved by having a direct visual or audible connection to an area for monitoring this may eliminate steps. Conversely, if an operation needs to have a quiet and undisturbed working atmosphere to be most productive, that also must be considered. Even though the frequency of the operation may be high, adjacency to high volume traffic or loud activities may reduce the productivity of the function.

Operational efficiency in these facilities must not have a higher value than safety. On-site and repair and maintenance of equipment at these facilities at times are difficult and potentially dangerous. Clear lines of site, driver's side turning, providing correct equipment and separation of public from operations are just a few of many safety concerns that must be considered in the design of a facility.

During the programming and schematic design, we gather this information from the users and key stakeholders of the organization to develop a plan that works efficiently for our clients. Constraints to this evaluation are the site conditions, existing facilities and developing a design that is constructible and meets the client's project budget.

Approach To Integrated Site Design

During site analysis, we conduct a thorough existing conditions inventory to determine site opportunities and constraints. This site analysis includes elements such as:

- Historical use of site (i.e. visible elements and learning from client)
- Pavement conditions
- Access to utilities
- Circulation and traffic, both within site and accessing site
- Signage
- Vegetated and soil conditions, including a thorough understanding of stormwater infiltration opportunities on the site
- Groundwater and bedrock conditions
- Adjoining properties and structures
- Drainage patterns
- Views both from and to site
- Wetlands or potential wetlands
- Floodplain analysis
- Solar orientation
- Natural wind patterns
- Noise, traffic and lighting from surrounding areas
- Vegetation
- Maintenance issues
- Snow zones
- Easements and setbacks that may restrict development
- Fire department access and concerns

Based on this site analysis, we gain a better understanding of the site opportunities and constraints. One of the first things we do when developing a site plan is determining the stormwater management goals and requirements. Historically viewed as something to manage, rainwater is starting to be seen as the valuable resource that it is. Depending upon the client's goals and objectives, there are many opportunities for utilizing rainwater, including rainwater harvesting and reuse for vehicle washing, toilet flushing or irrigation.

Other techniques that Angus Young often uses for on-site treatment of rainwater/stormwater include bioretention/biofilters, vegetated filter strips, infiltration basins, vegetated swales, wet detention ponds and oil separators. Porous pavement is also a strategy that can be utilized.

We are beginning to incorporate phytoremediation techniques into our designs, such as identifying plants suited to breaking down PAH contaminants in the top 3' of soil and incorporating that into our stormwater management zones and native seeding areas. This is a growing field of research, and we continue to learn about new stormwater technologies and strategies.

Stormwater/rainwater management can also be incorporated in an artful manner. We work to balance the stormwater management requirements in volume and size with attractive shapes and plants. Often we incorporate native planting zones

to reduce the dependence on mowing for a site. The deep roots of native plantings help create a healthy, aerated soil that helps to promote infiltration over time.

By understanding the topography and soil conditions on site, we determine the best locations for potential stormwater practices by also taking into consideration the potential sources of contamination that are excluded from infiltration (i.e. fueling areas, etc.).

The building program elements are sited with consideration to existing site constraints, solar orientation, wind, circulation, grading and connection to the surrounding landscape. Understanding the space needs for various stormwater features helps define areas of the site. For example, by allocating sufficient width for vegetated swales or vegetated filter strips along driveways allows for stormwater treatment of pavement runoff from those source areas before entering another stormwater element. Seen as a “treatment train” approach, this not only reduces pressure on the “last car” in the system, it can reduce cost in storm sewer structures and piping.

There are many educational opportunities with a site, and depending on client objectives, this can be relayed many ways. Depending on the educational goals of a client, features of a design can be highlighted, such as signage noting a native planting zone or stormwater management features. Other possibilities include locating stormwater features that are in highly visible locations. According to a church client in Madison, our designed bioretention device adjacent to a paved area has served as a backdrop for wedding photos. Having stormwater features in visible areas helps to ensure maintenance of these elements.

Specialty Software for Public Works Programming and Development

Angus Young has purchased and developed software used specifically for our public works and large equipment clients.

To assist in the programming phase we have developed software to manage and evaluate our client’s current and future fleet. Using clients equipment ID’s we enter specific information for each piece of equipment including removable accessories (plows, wings, sanders, forks, buckets, etc) that need to be considered when providing stall sizes and adjacent storage needs. The software allows us to assign stall sizes and provides several reports for confirmation and evaluation of fleet needs. This also assists in the allocation of space and identification of specific equipment that may be used seasonally and moved between warm and cold storage buildings for the most efficient use of vehicle and equipment storage

We have also developed in-house: programming software for the space needs and operations evaluations; project management software to manage, schedule, prepare meeting minutes and manage project data; project budgeting and cost estimating program that assists us in developing several types of estimates and various reporting options. These tools have been developed over the past ten years to improve our process and deliver high quality services and evaluations.

We have also purchased vehicle maneuvering software that allows us to use standard equipment or build our own that will illustrate turning movements, outside radius and wheel tracking of any equipment.

We use up to date industry standard software and software developed in-house for all of our project development and design services.

Publicly Funded Projects

Angus-Young Associates is accustomed to working with municipal governments and managers of municipal departments for the design of publicly funded projects: feasibility studies, ADA reviews, renovations, additions and new construction. Angus Young's municipal projects include public works facilities, fire stations, libraries and municipal buildings.

Commitment to Quality

AYA has a specific process for moving through a project, producing clear and accurate construction documents, and monitoring the project at regular intervals. Every effort is made to avoid "scope creep." We encourage you to check our references; over 90% of our projects are with repeat clients.

Project Delivery

AYA has a specific process for moving through a project, producing clear and accurate construction documents, and monitoring the project at regular intervals. Every effort is made to avoid "scope creep." We encourage you to check our references; over 90% of our projects are with repeat clients.

Project Understanding

The Village of Brown Deer conducted a feasibility study this year that indicated the need for a new public works facility to be located immediately south of the Village Hall. This project will design a main public works facility, salt storage, cold storage, protected outdoor material storage, vehicle parking, fueling station, and an outdoor recycling center that is accessible and public friendly. The goal is for less yard space and more building space.

The Village's intent is to incorporate as many LEED sustainable features as practical and to provide the Village options to decide what features will be implemented.

The project will have an interactive approach with Village administration, department managers and staff, as well as community input.

With your ideas and involvement it is our intent to mesh the existing Village Hall and Police Department site and buildings with this project's scope to create a civic campus that will provide years of service to the residents of Brown Deer.

Workload Commitments

Angus-Young Associates' current commitments include projects in all phases of design, detailing, and construction. We have reviewed this project's schedule with our current commissions, and feel comfortable that we can meet the Village's schedule.

Our staff is accustomed to meeting project demands with a high level of quality and commitment to each project. We define the scope of work to be performed and have an organized, systematic approach to each project schedule.

Client Relationship

Angus Young Associates believes the design process must always be a collaborative effort between administration, staff, and the communities in which we work. Every design project builds a partnership with the Owner and design firm. We have found that to develop a good working environment with our clients we must provide a team that is assigned and dedicated to the project. We assign a principal and project manager to the owner and to the project and they will assist in the development of the design and work with the client from the beginning of the project through the completion of construction.

The Principal Architect and Project Manager will be the primary staff working with the client on a day to day basis for all communication. This establishes a relationship and assures that all information is consistent and these individuals are responsible for communications with the balance of the team.

As required for specialty design consideration, design members will be brought into meetings to have higher level or more technical discussion regarding design criteria and systems.

Forming successful working relationships/communication

Angus-Young Associates' design process uses a specific method for determining the goals and needs of the client, and conveying that information so that the client understands the final built product and the constructor can efficiently and accurately built the project. Angus-Young's Project Design and Management Process have established the tools to help facilitate this process. We have found that the written word provides the opportunity for all to review and understand the process.

For example, during the planning and programming stage of a project, written documents are used to record and illustrate the information gathered. Interviews are held with department managers and those who use the facility. The needs and requirements for each area or department are documented on Room Information Sheets which are then used in developing the project.

During design meetings, agendas are prepared and distributed prior to the meeting in order to articulate the purpose, goals and schedule of the meeting. The results of the meeting are conveyed by written meeting notes and distributed to all persons present at the meeting, persons unable to attend the meeting, and other persons with a vested interest in the project.

Actual designs are presented in a media which is compatible with the size of the group. Typical blueprints may be used for smaller one-to-one meetings, or slides, or color renderings.

Overview Schedule

Angus-Young Associates goes beyond the traditional stages for developing each project. We pride ourselves on thoroughly evaluating each step to understand your needs and goals before translating those into the building design that meets your solutions. This process helps avoid expensive changes in later phases.

We are accustomed to meeting tight design schedule, while continuing to provide our normal project management process. The scope of work will include only the disciplines which Angus-Young Associates has been contracted to provide.

Program Development

Global Project Definition

- Initial meeting to determine administration's ideas for growth and direction of the organization's future. Includes discussion about the goals and needs for each department of the organization.
- Work with administration to determine overall parameters of the project, including scope, level or levels of quality, schedules and budget consideration.
- Identify with administration the groups to work with and the level of authority each group is given.
- Gather data on existing facilities, personnel and systems from departmental personnel.
- Write brief statement evaluating existing facilities and systems, and identify any concerns or major barriers.
- Write administrative program of overall goals and direction of the project.
- Review and approval from administration on administrative program.

Interview Staff

- Develop typical needs of each space required for staff to do their work (i.e. office size, furnishings, layout).
- Define any special systems, equipment or relationships to be considered when developing their department.
- Discuss ways they see their department growing: what future needs will this create?

Program Compilation

- Develop written narrative of each department and provide drawings of typical room requirements.
- Provide draft program to the engineering team for systems recommendations and sizes for mechanical, plumbing and electrical spaces needed.
- Prepare executive summary with tabular projections of spatial requirements and a "ball park" budget.
- Provide final program, executive summary and initial budget to administration for review and approval.
- Detailed data gathering process divided between the program stage and design development stage.
- Client Approval

Schematic Design

Analysis Stage:

- Site analysis developed in-house, and information may be reviewed with the owner to verify on-site circulation concepts and / or other site related issues.
- Code review conducted to outline major code considerations and code implications with existing facilities or systems.
- In-house coordination meeting to obtain recommendations from engineers for types, locations and sizes of systems, and spaces needed for the design of these systems.

Concept Development:

- Establish conceptual layout of department sizes, locations and functional relationships. General departments are outlined in the plans with major common components such as: toilets, conference areas, entrances, lobby(s), circulation and mechanical rooms.
- Code review
- Review and approval of concept plans by administration and / or staff.

Schematic Plans:

- In-house development of exterior elevation options.
- Define interior layouts of each department and addition of more detailed information to the plans.
- Develop the site plan.
- Review and approval of the schematic site and floor plans by Owner.
- Develop exterior elevations and final revision of schematic site and floor plans.
- Refine project budget to include more detailed information available.
- Review and approval of final floor plans, elevations and site plan.*

*Approvals from local authorities having jurisdiction over the project may be initiated and completed prior to continuing with the design development process of obtaining these approvals may significantly impact the site or building design.

****Note that this approval is an important milestone in the process. Approval of the "direction" of site layout, floor plans and elevations becomes fixed. Changes in room location or sizes, and changes to elevations and the site plan will cause additional time and expense.**

Design Development

Following approval of the Schematic Design, we shall prepare a Design Development booklet to review with you and your associates. We pre-complete the information based on our understanding of the project so that it is easier for you to review and make decisions. This process allows you to review all of the details of your project, make necessary changes and decisions and move the project along in a smooth and efficient manner. The design development booklet will include the following information:

- Cover Letter
- Table of Contents
- Owner's Instructions Bidding Procedures
- Owner's Instructions Construction Contract
- Owner's Instructions for Insurance and Bonds

- Drawings:
 - Egress and Code application plan
 - Demolition Plan(s)
 - Floor Plan(s)
 - Wall Construction Types and / or Wall Sections
 - Reflected Ceiling Plan
 - Concept Mechanical Plan
 - Electrical Power and Communications Plan
 - Lighting Plan
- Room Information Sheets that provide detailed information including:
 - Interior Finishes
 - Room Dimensions
 - Trim
 - Electrical Requirements
 - Lighting Requirements
 - Lighting Controls
 - Communications devices
 - Fire ratings
 - General and Engineering special notes and direction
 - Door Information: Door size, style, material, windows, fire rating, lockset, hinges and special equipment.
- Room Finish Schedule
- Door Schedule
- Hardware Schedule
- Product Specifications for Mechanical, Lighting and Plumbing fixtures
- Legends and other illustrations

This booklet is then reviewed with the client, depending on your schedule, you may review and make changes in the booklet and a return meeting is scheduled to review and discuss changes.

All changes made to the design development booklet are noted and reprinted for the client and our design team.

During the review of the Design Development Booklet the design team's continued efforts may include:

- Project team meetings to review project goals and plan for completion, including construction document review schedule.
- Structural system outlined with sizes of major components.
- Typical wall section(s) developed.
- Design Development - Engineering Package:
 - Systems analysis calculations and recommendations;
 - Systems review and approval by engineers completed and conveyed to the project manager.
- Code review by project architect and engineers to check for compliance.
- Project manager prepares mock drawing sets.

- Final review of architecture and engineering and the project budget with Project Principal in Charge.
- Review with Client updated project budget and review of design changes and systems recommendations.

Construction Documentation

Develop construction documents with reviews and progress meetings at 50%, and 90% and red mark stage.

- Provide entire bidding / construction set to client for review and approval.
- Review and "redmarking" of documents by independent reviewer.
- Make necessary changes to documents as identified by "redmark review."
- Coordinate printing of bidding / construction documents.
- Schedule and coordinate site plan and state building plan reviews.

Bidding Phase

Distribution of bidding/construction documents to bidders, plan houses, owner and design team.

- Complete Department of Commerce (DOC) application and request state reviews.
- Review bidders' questions. Note suggestions and recommended changes by contractor to review with owner.
- Obtain review and approval from DOC, State of Wisconsin.
- Assist owner in receipt and review of bids, and assist in negotiations and / or pre-award meetings with contractors if necessary.
- Assist in preparation of contracts between owner and contractor.

Construction Phase, typical

- Pre-construction meeting with contractor and major sub-contractors to establish ground rules.
- Review of all shop drawings and material and equipment submittals.
- Preparation of exterior and interior color packages for owner review and approval.
- On-site observations at least every week with preparation of site observation records.
- Owner / architect / contractor meetings on-site at least every other week.
- Review contractor pay requests and lien waivers.
- Contact the owner and contractor with any deficiencies or concerns from on-site observations.
- Review and make recommendations for change order requests.
- At substantial completion, make punch list of any items for correction by contractor.
- Building Commissioning of the major building systems shall be completed.
- Final construction review upon completion of the punch list items by the contractor.
- Submittal of final LEED® forms and information for obtaining of certification.
- Complete all end-of-project paperwork including: final payment requests, lien waivers, warranties and closing statements.

PROJECTED HOURS AND ESTIMATED COSTS

SCHEDULE OF PROFESSIONAL FEES AND EXPENSES

	Hours	Standard Hourly Rates	Total
Principals	280	\$ 120.00	\$ 33,600.00
Engineers	380	\$ 110.00	\$ 41,800.00
Architects	450	\$ 100.00	\$ 45,000.00
Professional I	360	\$ 90.00	\$ 32,400.00
Professional II	200	\$ 75.00	\$ 15,000.00
Professional III	80	\$ 65.00	\$ 5,200.00
 Subtotal:	 1,750		 \$ 173,000.00
 Sub-Consultants			
Wetland Delineation			\$ 4,500.00
Surveying			\$ 3,500.00
 Subtotal:			 \$ 8,000.00
 Reimbursables			
Meals and Lodging			\$ -
Transportation			\$ 600.00
Printing and Reproduction			\$ 1,000.00
State Review Fees			\$ 4,600.00
 Total Estimated Costs for Consulting Services:			 \$ 187,200.00

Overview

In section 6, we have provided project sheet information on some of our recent department of public works facilities, each of these projects has contact information provided and we encourage you to contact them, as we believe you will hear what a responsive and client oriented firm we are. Listed below is the additional project information for three projects as requested in the RFP that is not on our project sheets.

Walworth County Highway Department Storage Facility

Scope

Full service architectural and engineering services for a 50,500 square foot new facility.

Cost

Construction Estimate:	\$7,634,097.00
Bid:	\$6,351,941.00
Change Orders:	None at this time
Total Construction Cost:	Currently in Construction

Dates

Start Design	February 2015
Finish Design	October 2015
Bid	October 2015
Construction	November 2015

Dodge County Highway Department – Addition, Renovation & New Operations Facility

Scope

Full service architectural and engineering services – this was a phased project and that is the reason for large design times.

Cost

Construction Estimate:	\$6,263,100.00
Bid:	\$6,472,650.00
Change Orders:	\$507,299.00
Total Construction Cost:	\$6,979,949.00

Dates

Start Design	March 2009
Finish Design	August 2010
Bid	September 2010
Construction	June 2011

City of Middleton New Public Works Facility

Scope

Full service architectural and engineering services for a 95,704 square foot new facility. The reason for the large gap in time from start of design through finishing design was the site selection process. The City of Middleton was reviewing seven site options.

Cost

Construction Estimate:	\$9,628,911.00
Bid:	\$9,399,000.00
Change Orders:	(\$2,885,051.00) – owner purchased items
Total Construction Cost:	\$6,531,493.61

Dates

Start Design	May 2011
Finish Design	December 2013
Bid	January 2014
Construction	July 2015

WALWORTH COUNTY

Highway Department Storage Facility

SCOPE

50,500 sf storage facility

LOCATION

W4097 County Road NN
Elkhorn, WI 53121

CONTACT

Joe Kröll
jKroll@co.walworth.wi.us
262.741.3441

SERVICES PROVIDED

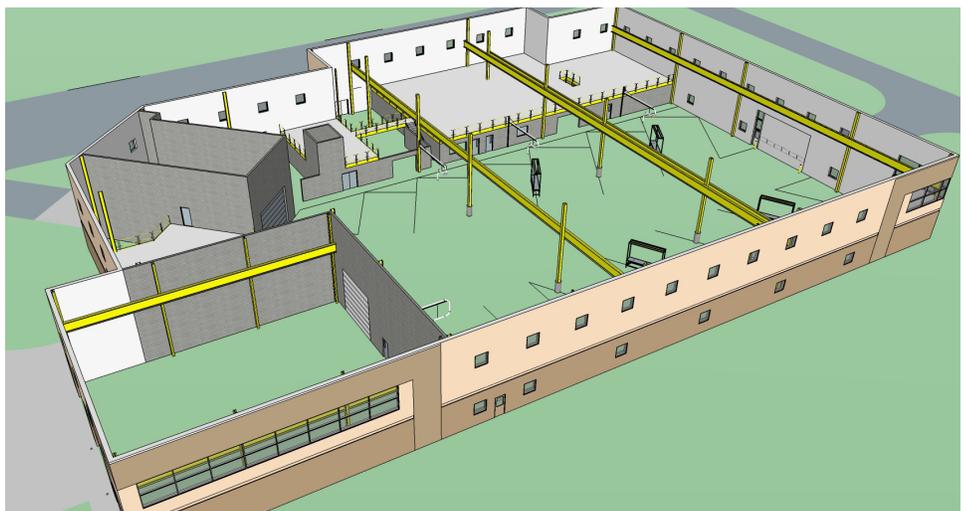
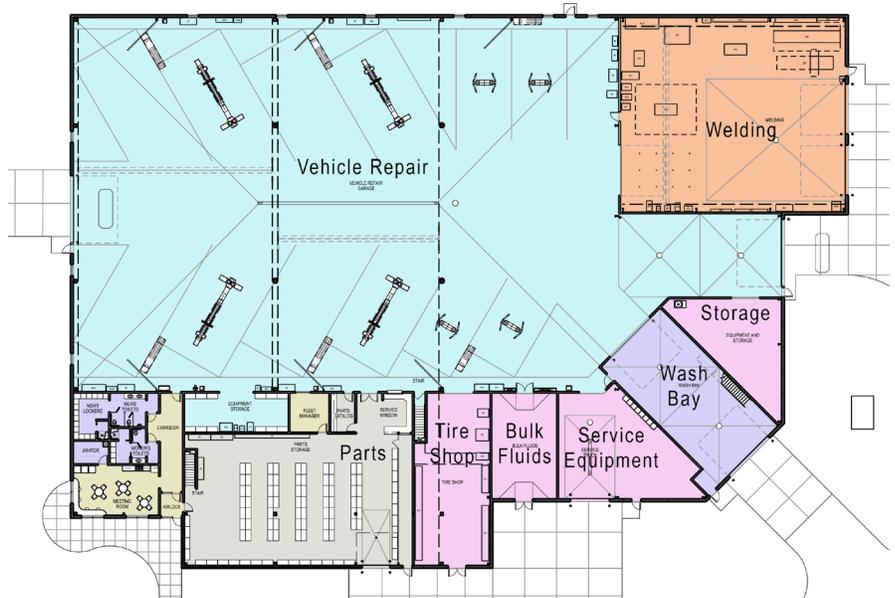
Architectural
Civil/Site
Landscape
Structural
Mechanical
Electrical
Plumbing

Walworth County's increased road maintenance responsibilities was a driving force behind their need for a new 50,500 square foot vehicle maintenance facility. They engaged Angus Young Associates to develop the plans in order to meet the County's long-term operational needs.

THE FACILITY CONSIST OF:

- Wash bay
- Vehicle repair
- Welding
- Storage
- Bulk fluids
- Service equipment area
- Tire shop
- Parts catalog and storage
- Fleet manager office
- Equipment storage
- Meeting room
- Men's & Women's locker rooms
- Rest rooms

The facility is scheduled for construction in 2016.



DODGE COUNTY HIGHWAY DEPARTMENT

Addition, Renovation and New Operations Facility

SCOPE

New Buildings	
Storage, Shops & Employee	65,000 SF
Fuel Systems & Lubricants	400 SF
Addition:	8,000 SF
Welding	
Paint	
Tire Repair	
Quick Service	
Renovation:	25,650 SF
Offices and employee areas	
Vehicle Maintenance	
Parts	
Site Improvements:	
Salt Storage	
Sand/Salt Storage	
Parking	

LOCATION

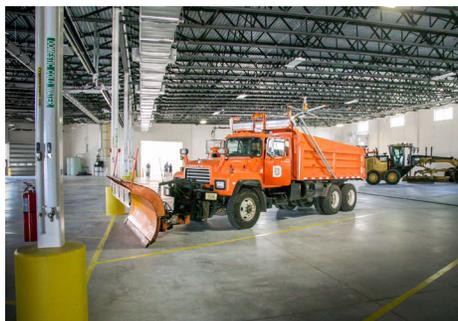
211 East Center Street
Jenau, Wisconsin 53039

CONTACT

Brian Field, Highway Commissioner
608.386.3650
bfield@co.dodge.wi.us

SERVICES PROVIDED

Architectural
Site/Civil/Storm Water
Structural
Mechanical
Electrical
Plumbing



The original project scope was to identify operational needs and issues with the existing facility, then develop a master plan to address their needs.

The master plan recommendation incorporated an 8,000 square foot addition to the main shop, with renovation of existing area and construction of a new 65,000 square foot facility for equipment storage, additional shops and employee welfare facilities for field operations staff.

The addition to the vehicle maintenance shop included: paint; tire repair; welding and quick service bays. This was done primarily to separate fumes and dirt operations from vehicle maintenance.

Relocation and replacement of on-site parking, fueling and salt storage facilities were required for the improvements and to improve operations and safety. A vehicle storage building was renovated into a combination of cold storage and warm storage for special equipment.

CITY OF MIDDLETON

Public Works Facility

SCOPE

New 95,704 sf operations, maintenance and storage facility with 13,750 square foot cold storage and salt storage buildings.

LOCATION

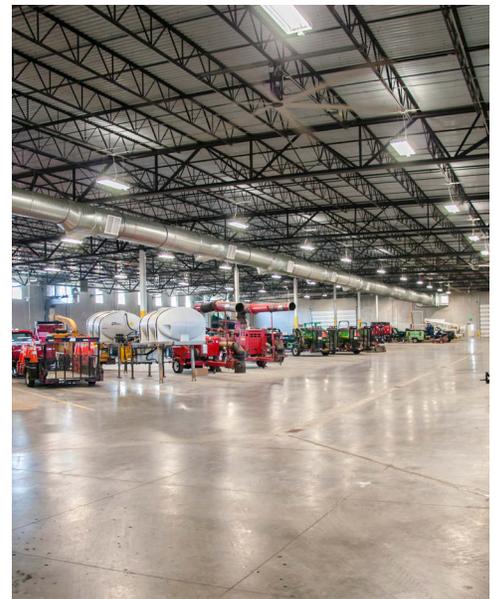
4330 Parmenter Street
Middleton, Wisconsin 53562

CONTACT

Mr. Shawn Stauske
Director of Public Works
608.821.8381
sstauske@ci.middleton.wi.us

SERVICES PROVIDED

Architectural
Site/Civil
Landscape
Structural
Mechanical
Electrical
Plumbing



The project initiated by Meriter Hospitals request of the City to purchase the site of the existing public works operations, Angus Young Associates team working closely with the public works staff and engineering department, we developed preliminary designs at five sites under consideration for the new facility.

Final site selection of property owned by Wisconsin Department of Transportation, a design of the facility was revised to fit a long, narrow and steeply pitched site. The new building, built into the side of the hill, provides 85,904 square feet on the first floor and 9,800 square feet of mezzanine space for additional storage.

Providing for the streets, water and parks departments, an assortment of shops and special vehicle storage needs were met. Administration and employee welfare areas were combined for all departments into an efficient layout.

The challenging site requirements included relocation of a DOT park-n-ride lot and extensive storm water management systems to meet DNR, DOT and Middleton requirements.

CITY OF STOUGHTON

Public Works Facility

SCOPE

Master plan development for the update and replacement of the public works facilities.

LOCATION

County Highway A
Stoughton, Wisconsin 53012

CONTACT

Mr. Karl Manthe, Streets Superintendent
608.873.6303
kmanthe@ci.stoughton.wi.us

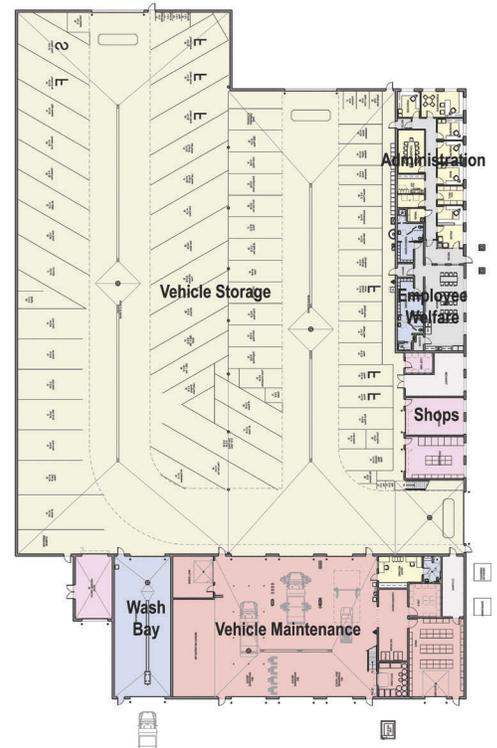
SERVICES PROVIDED

Facility Assessment
Programming
Master Planning



Working with the public works staff, we developed a facilities needs and program statement that look forward to the needs of the department for twenty years. The approved program indicated a main facility of 63,257 square feet; cold storage of 20,000 square feet; fueling; salt storage facility and brine production system.

The site is bounded on the south and west by wet lands and a steep slope diagonal across the site. This impacted the building locations and orientation. Main vehicular entrances into the building were oriented to the south and west to provide natural heating and de-icing of the pavement. Driver's site turning for safety was also incorporated into the concept design.



CITY OF MADISON

Streets Department Storage Facility

SCOPE

20,000 sf vehicle storage building,
5,000 sf covered outside storage and
5,600 sf mezzanine.

LOCATION

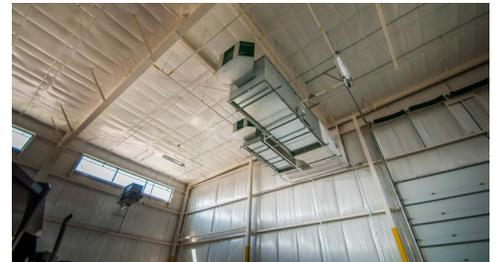
402 South Point Road
Madison, Wisconsin 53593

CONTACT

Mr. Chris Kelley, Streets Superintendent
608.266.4680
ckelley@cityofmadison.com

SERVICES PROVIDED

Programming / Master Planning
Architectural
Civil/Site
Landscape
Structural
Mechanical
Electrical
Plumbing



To get the project approved through the City of Madison, a master plan had to be developed and approved for the 40 acre site with future buildings and improvements that were projected 20 years into the future. Streets, fleet, parks police and fire departments were included in the master planning effort to determine potential uses for the site. The master plan was then reviewed and approved by the City's Urban Design Commission and Planning Department. Once the master plan was approved, we completed the design for the storage building.

Planning for the future became the primary challenge for locating and designing a new 20,000 sf warm storage facility for the City of Madison's Public Works department. As part of a 30 acre parcel previously purchased by the City for future public works development, the siting for the new warm storage building would need to accommodate future additions to the site including a new operations facility, fueling station, roadway extensions, police operations, and storm water management systems.

CITY OF FITCHBURG

Parks Addition to Department of Public Works

SCOPE

19,250 sf addition

LOCATION

2373 South Fish Hatchery Road
Fitchburg, Wisconsin 53713

CONTACT

Tracy Foss
City of Fitchburg
608.270.4260
Tracy.Foss@city.fitchburg.wi.us

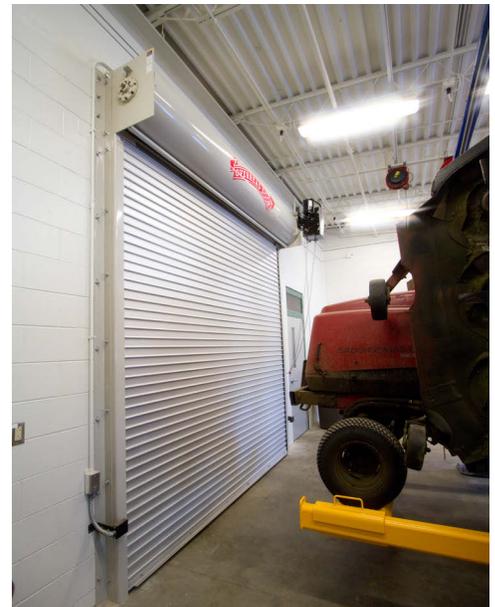
SERVICES PROVIDED

Architectural
Structural
Mechanical
Electrical
Plumbing
Civil/Site
Landscaping



Angus Young Associates provided architectural and engineering services for the addition to the public works facility in Fitchburg. The City of Fitchburg has been experiencing significant growth and the result of this growth resulting in a greater demand for public works services within the community. This increased demand was the driving force behind the project.

The project consisted of a new large and small vehicle storage room; park department storage room; park departments shop room; and , mechanical room. The addition matches the current existing facility and flows within the public works campus.



CITY OF CEDARBURG

Public Works Facility

SCOPE

Master plan development for the update and replacement of the public works facilities.

LOCATION

W59 N306 Johnson Avenue
Cedarburg, Wisconsin 53012

CONTACT

Mr. Thomas Wiza, P.E.
Director of Engineering and Public Works
262.375.7610
twiza@ci.cedarburg.wi.us

SERVICES PROVIDED

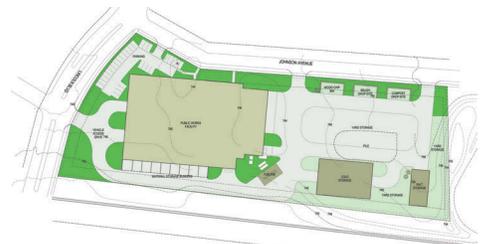
Architectural
Site/Civil
Landscape
Structural
Mechanical
Electrical
Plumbing



Project Scope: Evaluate existing operations, facilities, equipment and staffing; determine anticipated future needs; prepare space needs/program statement; prepare site and floor plan concepts, exterior concepts as a master plan; and, prepare project budget estimate.

Departments included in the project are: streets; sign; parks and forestry.

The master plan included: 61,178 square foot operations center to support all departments; fueling system with canopy; 9,600 square foot cold storage building; 800 ton salt storage facility; on-site operations storage and public recycling, waste oil and yard waste drop site.



CITY OF OAK CREEK

Public Works Facility

SCOPE

Addition to and renovation of the existing City of Oak Creek Public Works Facility located at 800 West Puetz Road, Oak Creek, Wisconsin.

Service Facility

Administration	2,600 SF
Employee Areas	4,930 SF
Vehicle Maintenance	11,710 SF
Vehicle Storage	88,400 SF
Wash Bay	1,825 SF
Shops and Storage	5,205 SF
Total Facility	114,670 SF



LOCATION

800 West Puetz Road
Oak Creek, WI 53154

CONTACT

Matthew Sullivan, P.E., Project Engineer
920.262.4080
msullivan@oakcreekwi.org

SERVICES PROVIDED

Architectural
Site/Civil
Structural
Mechanical
Electrical
Plumbing



Angus Young Associates initially prepared a preliminary facilities program and facilities assessment report to develop the project scope.

The existing site comprised of a main facility and four out buildings and fueling station. Located to the east of the site was a creek, hillside to the west and residential development to the north. Site improvements included: additional drive access, public and employee parking, sidewalks, curb and gutter, parking lot lighting, grading, landscaping, underground utilities and storm water management system that include both dry and wet detention areas.

Renovation included the entire existing facility of approximately 36,500 square feet. The renovated area included a new layout of working areas, bringing facilities and system to code requirements, updating lighting, electrical, plumbing and mechanical systems and addition of new equipment in the vehicle maintenance portion of the building.

Several additions including: Vehicle maintenance 1,230 square feet; Office, employee and shops area 8,500 square feet; and vehicle storage 68,150 square feet.

CITY OF BARABOO

Replacement City Services Center

SCOPE

New 64,200 sf public works facility.

LOCATION

450 Round House Court
Baraboo, Wisconsin 53913

CONTACT

Mr. Bob Koss
City of Baraboo
608.355.2736
rkoss@cityofbaraboo.com

SERVICES PROVIDED

Architectural
Site/Civil
Landscape
Structural
Mechanical
Electrical
Plumbing



We were initially engaged to provide an evaluation of existing facilities, program and master plan for the City's public works site. At the conclusion of the study, it was determined that the existing site would be very expensive to do the necessary expansions because of the steep grades and amount of earthwork necessary to prepare the site.

A site selection process resulted in selecting a site that was currently used for auto recycling and train roundhouse. The site was contaminated with an assortment of chemicals. Through the DNR's Brownfield program, the site was cleaned and encapsulated with the assistance of an \$80,000 grant.

The new facility, located adjacent to a local tourist attraction the Circus Museum, and loading area for the Circus Train meant an attractive street appearance of this facility was important.

The building includes: administration offices; employee areas; shops; vehicle maintenance and equipment storage.

CITY OF JEFFERSON

City Services Center

SCOPE

Service Facility	
Administrative & Employee	1,300 SF
Vehicle Repair & Welding	6,000 SF
Shops	1,000 SF
Vehicle & Equip Storage	22,000 SF
Total Facility	30,300 SF

LOCATION

1122 Tensfeldt Avenue
Jefferson, Wisconsin 53549

CONTACT

Mr. David Haffelder
262.674.7737

SERVICES PROVIDED

Architectural
Site/Civil
Structural
Mechanical
Electrical
Plumbing



Angus-Young Associates along with DMG Associates were hired to study the City of Jefferson's Street and Maintenance operations and make recommendations to fulfill the urgent needs of the department. The study concluded that the City's existing garage facilities may be used for parks and recreation storage and maintenance, and that a new facility be built for the vehicle storage, maintenance, staff welfare and office facilities.

The new building included vehicle lifts, a 5 ton overhead crane and oil collection and distribution systems. In addition to tire repair, tools storage and parts storage, mezzanine were included to provide the additional storage space always needed in maintenance facilities.



WINNEBAGO COUNTY

Highway Department Storage Facility

SCOPE

5,000 sf storage facility

LOCATION

8485 Hansen Road
Winchester, WI 54947

CONTACT

John Haese, Highway Commissioner
920.236.4875
jhaese@co.winnebago.wi.us

SERVICES PROVIDED

Architectural
Site/Civil
Structural
Mechanical
Electrical
Plumbing



Angus Young Associates provided architectural and engineering services for this 6,000 square foot equipment storage facility. The facility is a pre-engineered steel building 50x120 and has overhead windowed doors. All doors have openers. The main parking area is 5,000 square foot with a center poly floor drain and catch basin. Other design features include a break room, unisex bathroom with sink. The concrete floor slab has the structural capacity for heavy duty trucks.



CITY OF JANESVILLE

Public Works Facility

SCOPE

Service Facility	
Administration	2,800 SF
Employee Welfare	4,400 SF
Central Stores	7,000 SF
Shops	5,800 SF
Vehicle Maintenance	20,000 SF
Large Vehicle Storage	38,600 SF
Small Vehicle Storage	13,400 SF
Total Facility	92,000 SF

LOCATION

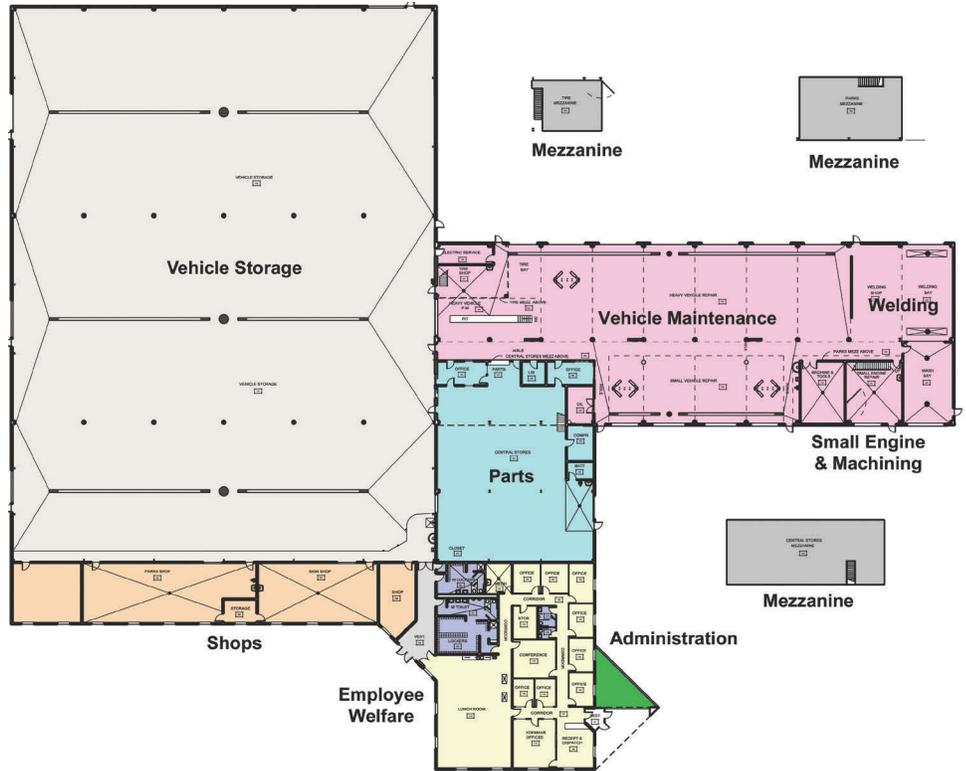
2200 US Highway 51 North
Janesville, WI 53545

CONTACT

Dave Lou, Technical Services Manager
608.373.3407
loud@ci.janesville.wi.us

SERVICES PROVIDED

Architectural
Site/Civil
Structural
Mechanical
Electrical
Plumbing



The project team analyzed seven sites in determining the proper location for a new central facility for the City of Janesville. A 20 acre site was selected adjacent the City's solid waste site with good access to all parts of the city. Angus Young Associates then designed the 92,000 square foot building using standardized building components and simple massing to create a functional facility within the city's budget.

Features and equipment incorporated into the design included: 10 ton bridge crane; 3 ton jib cranes; large and small vehicle lifts; delivery system for air, electric, oil, chassis grease and antifreeze; in-Floor mechanics pit; welding stations; tire repair; machining & small tools shop; flammable liquids storage; in-floor waste oil system; vehicle exhaust systems; wash bay; and fuel island.

Design Team Philosophy

To assure the seamless completion and delivery of your project, AYA will use a team approach. The Project Manager is the direct contact between you and the design team. All of AYA's projects have the involvement of a Principal, a Project Manager, a Managing Engineer and other professional staff members who complete the team.

Once assigned, the team stays with the project from beginning to end.

The team is selected to provide a well-rounded balance of design ability, technical expertise, and managerial/organizational skills.

Design Team Members

Principal in Charge.....**Jeffrey Hazekamp, AIA, NCARB**

All projects at AYA have the involvement of a Principal. As President of AYA, Mr. Hazekamp oversees the quality of the project, assures the satisfaction of the client, participates in team and client meetings, and reviews & executes contractual agreements. Jeff will be involved in the analysis, programming, and cost analysis as well as providing direction & supervision as required assuring that the project goals and schedule are being met. From time to time, he may call the client to discuss the project and the quality of the work being produced.

Project Architect.....**Adam Hertel, AIA**

The Project Manager is solely responsible for the project and development of the relationship with the client. Mr. Hertel will be the primary contact. He will set schedules and provide staffing to meet the schedules.

Adam is experienced in all aspects of public work facility planning, site design, building design and interior space planning. He will be responsible for the ongoing day-to-day work associated with the project. It will be his responsibility to establish and maintain the quality of the project and verify that staff assigned to the project has the resources and information to complete the project on schedule and budget.

Interior Designer.....**Kristi Reuter, IIDA, AAIA, LEED AP**

The interior designer on the project team is the person responsible for the development of a project's interior built environment and image. Ms. Reuter's experience in interiors, material selection and finishes will be used to complete the project, including recommendations for color palettes, wall treatments, floor patterns and floor coverings

Managing Engineer/Structural.....**Zachary Goswick, PE, SE, CDT**

Zachary's responsibilities include management of engineering personnel, design and design oversight for Structural, Mechanical, Electrical and Plumbing systems. He consults and coordinates on buildings from initial conceptual planning stages through construction. He is responsible for administration and coordination between all design disciplines, evaluating and reviewing building designs, and providing direction and supervision, as required, to ensure the project goals and schedule are being met.

Mechanical Engineer.....**Jason LaRosh, PE, CEA, LEED AP**

Mr. LaRosh is experienced in all aspects of mechanical engineering. Jason is responsible for administration and technical coordination of mechanical design, establishing construction budget estimates, and developing project concepts and specifications

Electrical Designer.....**Charles Statton, DES**

Chuck provides conceptual design for the lighting, power and data communication systems for the project. This includes verification of electrical requirements, power distribution characteristics, and cost estimate verification.

Plumbing Designer.....**Jack Fleming, DES**

Jack is experienced with plumbing design and coordination of all plumbing and piping design with other disciplines. Jack is a master plumber and has over 25 years of experience designing plumbing systems.

Landscape Architect/Site.....**Katie Udell, PLA, LEED AP BD&C**

The landscape architect is responsible for the design of site and planting plans to meet the needs and applicable landscape requirements of each project. She works with the owner and the project team regarding the selection and coordination of the exterior landscape image



Jeffrey L. Hazekamp, AIA, President

Professional Activities

Jeff has been with Angus-Young as the President and Managing Principal since August of 1987. During that time the firm has grown from a three person architectural firm to over twenty professionals providing architectural, engineering and interior design services. He is responsible for overall management, performance, setting goals and direction of the firm.

In addition to management responsibilities, Jeff actively works with clients on program development, master planning, feasibility studies and schematic building designs. He also develops or reviews all cost estimates prepared at Angus Young. As a coach, mentor and critic, Jeff works with the design staff to continue to improve the constructability and quality of design.

As a general Architectural practitioner since May of 1983, Jeff has acquired significant experience in the Municipal, Health Care, Institutional, Commercial and Industrial sectors of the practice. From new facilities, additions, renovations to feasibility studies, his expertise includes all aspects of project development using all types of construction delivery systems.

Registration

Certification from the National Council of Architectural Review Board

Architectural registration in Wisconsin, Illinois, Michigan, Minnesota, Nebraska, Indiana, Missouri and Iowa.

Community Activities

A recognized leader in the community and professional activities, Jeff has been a volunteer for many organizations. He has served as President of the Board for the YMCA, Boys Scouts, Forward Foundation and Forward Janesville. Jeff has served on steering committees for three major fundraisers and has been on boards or committees for 8 volunteer organizations. He has served the public through appointments to the Site Plan Review Board, Downtown Redevelopment Board, and committee for the Historic Restoration of the Lincoln-Tallman House. Additionally, Jeff has been active in his church and served several terms on the church council.

Education / Certifications and Memberships

Hope College 1980

Bachelor of Science in Architecture University of Michigan 1983

Master of Architecture University of Michigan 1986

Member of American Institute of Architects, Wisconsin Society of Architects, Wisconsin Health Care Association, Construction Specifications Institute, and US Green Building Council.

PROJECT EXPERIENCE

Public Works

Baraboo DPW

Beloit Dept Public Works

Cedarburg DPW Master Plan

City of Watertown DPW

Delavan Public Works

Dodge Co Highway Department

Elkhorn Parks Building

Fitchburg DPW Facility

Fitchburg Parks Addition to DPW

Fond du Lac DPW

Janesville City Service

Janesville DPW Addition

Jefferson Public Works Facility

Madison South Point PW Facility

Middleton Public Works Facility

Neosho Facility

Oak Creek DPW

Reeseville Facility

Rock Co Highway Office Master Plan

Stevens Point Transit

Stoughton DPW Master Plan

Walworth County Highway Garage

Oak Creek DPW

Rock Co Highway Office Master Plan

Shorewood Hills DPW

Stevens Point Transit



Adam Hertel, AIA

Professional Activities

Adam joined the Angus-Young team in 2000 after graduating from the University of Wisconsin-Milwaukee with a Bachelor degree in Architectural Studies. In the role of Project Manager, Adam is directly involved in the development of the design, systems coordination, scheduling, budget and quality control. He is responsible for the development of a project from the design or design development stage through the completion of the project.

After three years with Angus-Young Associates, Adam moved to work in Scottsdale, Arizona to enjoy warmer weather and experience working in a different firm and other client types. He has returned to Wisconsin and has rejoined the firm with now over 12 years of experience in practicing architecture and managing successful projects.

Over the years Adam has gained significant experience in the public sector in a variety of project types from public works facilities, fire stations, and police facilities.

Registration

American Institute of Architects and the Wisconsin Society of Architects Associate member

Registered Architect - 2014

Community Activities

Adam is active in the West Bend community by lending his services to the West Bend Sunrise Rotarians serving on the Board of Directors and Enchantment in the Park Design Committee, and is involved in a variety of other community service projects.

Education / Certifications and Memberships

Business major, UW-Washington County
 Bachelors' degree in Architectural Studies and Certificate in Urban Planning, UW-Milwaukee

PROJECT EXPERIENCE

Public Works

Cedarburg DPW Master Plan
 Middleton Public Works Facility
 Dodge Cty Hwy Dept Addition
 Dodge Cty Hwy Dept Fueling
 Dodge Cty Hwy Dept Salt Storage
 Dodge Cty Hwy Dept Vehicle Storage
 Fitchburg Parks Addition to DPW
 Neosho Facility
 Dodge County Salt Storage
 Dodge Co Highway-Facilities Study
 Winnebago Cty DPW Storage Facility

Service Centers/VS

Alliant Energy Edgewater
 Alliant Energy Edgewater Coal Yard
 Alliant Northern Area Service Center
 Beloit Clinic 4th & 5th Floor

Local

City of Madison Police Training Center
 IT Server Room
 Janesville Municipal Building
 Milton Police Study

Industrial

Cotta Transmissions
 Fairbanks Column Removal
 Fairbanks EB-M Test Stand
 Fairbanks Elevator Addition
 Fairbanks Employee Lounge
 Fairbanks Floor Plan Documentation
 Fairbanks Stone Building Remodel
 Mayville Paint Facility
 Rockford ABC Supply
 Saw Building and Site Crane
 Southern Lakes Recycling Center
 Air Products Lab
 Alliant Northern Area Service Center
 Cotta Transmissions
 Data Dimension Mail Processing



Kristi Reuter, NCIDQ, IIDA, WRID, LEED AP

Professional Activities

Kristi joined the Angus Young team in 2001 and has experience in both architecture and interior design. She has worked as a designer and project manager on a variety of projects. Kristi works with the owner and the project team regarding the selection and coordination of interior image, details, finishes, colors and furnishings. She is responsible for coordinating, preparing and reviewing all finishes and furnishing specifications with the team.

Registration

Wisconsin Registered Interior Designer – (WI. Credential No. 594-109)

Community Activities

Kristi is an active member and current Vice President of Janesville's PEO Chapter AY, a philanthropic organization providing educational opportunities for women. She is also an active member of First Lutheran Church in Janesville where she sings in the Chancel Choir and also serves on their interior design and building committee. Kristi also volunteers her time with the Roosevelt Elementary PTA, Rock Soccer Club and Janesville Lacrosse Club.

Education / Certifications and Memberships

Bachelor of Architecture – North Dakota State University 1996
 Bachelor of Science in Environmental Design, with minors in Art and Interior Design - North Dakota State University 1996
 NCIDQ Certificate No. 029136
 Professional member of IIDA, the International Interior Design Association
 LEED AP Certification 2008

PROJECT EXPERIENCE

Police/Justice

City of Madison Police Training Center
 Milton Police and Administration
 Rock Cty Courthouse Study

Administration

Public Defenders Office

Fire/EMS

Rockton Fire District Addition

Public Works

Stevens Point Transit
 City of Watertown DPW

Local

UW-Rock Master Plan



Zachary C. Goswick, P.E., S.E., MLSE, CDT

Professional Activities

Zach has been part of the team at Angus-Young since 1999. He is the lead Structural Engineer for numerous projects in the office and works closely with the other building design disciplines to create a quality building design. Prior to joining Angus-Young, Zach worked as a Structural Engineer for VP Buildings designing hundreds of pre-engineered metal buildings. He calls upon his experiences in both design environments to bring a unique perspective to all projects and strives to provide valuable insight, knowledge, and experience to all clients and team members.

Zach designs structures for all types of buildings including low and high rise with complexities ranging from simple load bearing wall structures to steel frames with cranes, flat slab concrete, and concrete frame designs. This includes masonry, steel, wood, and concrete designs using both manual and computer analysis and design. He is responsible for the complete structural design and detailing of new buildings, additions, and renovations. Zach consults and coordinates on building structures from initial conceptual planning stages through construction. He evaluates existing buildings and reviews building designs ensuring current building code requirements are met. He oversees structural staff and coordinates structural services on all projects.

Registration

Licensed Structural Engineer or Professional Engineer in Arkansas, Illinois, Indiana, Iowa, Kentucky, Minnesota, Pennsylvania, and Wisconsin

Community Activities

Zach volunteers his time and efforts toward helping the children of the community lead more fruitful and productive lives. He is an active member of Kiwanis and is currently serving as their President. He has coached local youth sports. As an Eagle Scout, Zach has given back to the Scouting organization by serving as the Cubmaster for a local Cub Scout Pack and has provided inspection services for the scout district facilities. He also has guest lectured at a local university and periodically serves as a senior design juror for his alma mater.

Education / Certifications and Memberships

Bachelors of Science in Architectural Engineering, Milwaukee School of Engineering
 Master of Science in Structural Engineering, Milwaukee School of Engineering
 Model Law Structural Engineer Certification from the National Council of Examiners for Engineering and Surveying (NCEES)
 Construction Document Technologist Certification from the Construction Specifications Institute (CSI)
 Member of the American Institute of Steel Construction (AISC) and the American Concrete Institute (ACI).

PROJECT EXPERIENCE

Community Center

Dodge Cty Hwy Dept Fueling

Public Works

Dodge Cty Hwy Dept Oil Shed

Dodge Cty Hwy Dept Salt Storage

Dodge Cty Hwy Dept Vehicle Storage

Baraboo DPW

Madison South Point PW Facility

Middleton Public Works Facility

Oak Creek DPW

Stevens Point Transit

City of Watertown DPW

Dodge County Salt Storage

Dodge Cty Hwy Dept Addition

Administration

Fulton New Town Hall

Recreational

Beloit YMCA Roscoe Frame

Janesville Ice Center Addition

Janesville Rockport Pavillion

Power House Programming

Riverside Golf Deck

YMCA Crossridge Facility

YMCA Interior Renovations

YMCA LL & FF Renovation

Parks

Beloit Big Lawn



Jason T. La Rosh, PE, CEA, LEED AP

Professional Activities

Jason has been part of the team at Angus-Young since 2007. He is a lead Mechanical Engineer for many projects in the office and works closely with the other building design disciplines to create a quality building design. Prior to joining Angus-Young, Jason worked as a Mechanical Engineer for MKK Consulting Engineers designing mechanical systems for commercial buildings. He calls upon his experiences in both design environments to bring a unique perspective to all projects.

Jason designs mechanical and plumbing systems for office buildings, retail facilities, educational facilities from elementary through college, medical including hospitals and clinics, industrial and manufacturing facilities, as well as municipal and transportation facilities. He has designed high and low pressure steam, hot water, chilled water, and refrigeration systems; various air handling systems, geothermal heat pump systems. He has performed facility analyses for energy efficiency improvements and capital improvements budgeting for chiller and boiler plants. Design of new and modification of existing systems has focused on balancing energy consumption, life-cycle cost, and comfort to meet the needs of each individual client.

Jason consults and coordinates building mechanical systems from initial conceptual planning stages through construction. He oversees mechanical staff and coordinates mechanical services on a variety of projects.

Registration

Professional Engineer, State of Wisconsin and Illinois
LEED AP Certification 2008
Certified Energy Auditor, CEA, license 2013

Community Activities

Jason is currently an active member in Janesville Morning Rotary Club and is an active member of St. Matthews Church in Janesville.

Education / Certifications and Memberships

Bachelors of Science degree in Architectural Engineering, Milwaukee School of Engineering 2005
Masters of Business Administration, University of Wisconsin-Madison 2011
Madison Chapter of American Society of Heating, Refrigerating and Air Conditioning Engineers
American Society of Professional Engineers
Member of the American Institute of Steel Construction (AISC) and the American Concrete Institute (ACI).

PROJECT EXPERIENCE

Public Works

Dodge Cty Hwy Dept Addition
Dodge Cty Hwy Dept Vehicle Storage
Fitchburg Parks Addition to DPW
Madison South Point PW Facility
Middleton Public Works Facility
Oak Creek DPW
Walworth County Highway Garage
Waukesha County Hwy. Dept
City of Watertown DPW

Administration

Administration Center Cooling Tower
Milton Police and Administration

Recreational

Eble Ice Arena Chiller
Ice Arena HVAC
Janesville Ice Center Addition
Bourbonai Pool
Oregon Schools - Pool HVAC
YMCA Crossridge Facility

Community Center

Beloit Vision Center

Charles Statton, Electrical Designer, Master Electrician



PROJECT EXPERIENCE

Public Works

Rock County DPW Generator
Walworth County Highway Garage

Fire/EMS

Green Cty EMS Facility

Local

CoDelavan Greenie's Clubhouse Kitchen Renovation

State

UWGB Studio Arts & Vocal Lab

Education

Beloit College Emerson Hall
Klobucar - BMHS Admin Renovations

Professional Activities

Chuck joined the Angus-Young Team in 2015. He is the one of the Electrical Designers for numerous projects in the office and works closely with the other building design disciplines to create a quality building design. Prior to joining Angus-Young, Chuck worked in electrical construction trade for over 35 years and has designed hundreds of various electrical systems in all facets of buildings. From custom residential, commercial, industrial, healthcare, to even a 5000 cow dairy. He calls upon his experiences in all design environments and brings a unique field perspective to all projects and strives to provide valuable insight, knowledge, and experience to all clients and team members. This includes verification of electrical requirements, code requirements, power distribution, design of low voltage communications, fire alarm and detection, public address, security, and other electrical based communication systems. As a Servant Leader, Chuck consults and coordinates with other team members on building projects from initial conceptual planning stages through construction to help ensure that we are meeting the customer's expectations within budget. Chuck has been very active with Associated Builders and Contractors over the years with their safety committee, education committee, and board of directors. He has a passion for helping people.

Registration

Licensed Designer of Engineering Systems in Wisconsin.
Licensed Wisconsin Master Electrician.
Wisconsin Certified Commercial Electrical Inspector.

Community Activities

Chuck is active in his church. He has volunteered his time and efforts in many organizations over the years such as summer baseball, youth sports, booster club, Rotary Club, Village board, and former volunteer firefighter/EMT. He is also a state hunter's safety instructor.

Education / Certifications and Memberships

Graduate of Clinton WI. High School.
Electrical Design.
Annual NEC code classes and related seminars.
Center for Creative Leadership.
Servant Leadership Enhancement.
Project Management training.



Jack Fleming, DES

Professional Activities

Jack joined Angus-Young in 2011 as a Plumbing Designer.

Jack is responsible for the design decisions as it pertains to plumbing systems performance, quality and installation to insure systems meet budget and quality standards. This includes verification of plumbing requirements, code requirements, plumbing distribution characteristics, and cost estimate verification. He is also responsible for assessing the requirements and/or design of compressed air systems, mechanical piping, fire suppression systems, and other plumbing systems.

In his role as plumbing designer, Jack works closely with the project team. He is responsible for coordinating and communicating the plumbing system requirements of a variety of projects.

Education

Hillsborough Community College – Associates Degree 1985-1987

Tampa Technical Institute – Journeyman Plumber Certificate 1973

Ground Radio Operators School – Certificate 1967

Registration / Certifications and Memberships

Wisconsin Master Plumber

Wisconsin Designer of Engineering Systems: WI 1410-007

Certified in Plumbing Design – American Society of Plumbing Engineers

PROJECT EXPERIENCE

Public Works

Madison South Point PW Facility

Middleton Public Works Facility

Neosho Facility

Norse Park Shelter Remodel

Palmyra Public Works Garage

Stevens Point Transit

Walworth County Highway Garage

Fitchburg Parks Addition to DPW

Administration

Milton Police and Administration

Recreational

YMCA Crossridge Facility

Janesville Ice Center Addition

Police/Justice

City of Madison Police Training Center

Fire/EMS

Darien Fire Department

Green Cty EMS Facility



Katie Udell, PLA, ASLA, LEED AP BD+C

Professional Activities

Katie is responsible for site layout, grading, utility, erosion control, stormwater management and landscape plans to meet the needs and applicable requirements of each project. She works with the owner and the project team regarding the selection and coordination of the exterior site and landscape image. She is responsible for the preparation of construction documents as needed, and is involved in the LEED process.

Registration

Registered Landscape Architect 2009
LEED Accredited Professional 2007

Community Activities

Katie has also been involved in several committees and organizations that are related to development and sustainability, including:

- Advisory Committee for Rock County Smart Growth
- Design Committee for the Janesville Downtown Development Alliance
- Sustainable Janesville Committee for the City of Janesville
- Friends of the Welty Environmental Center Board Member

Katie is involved in the Wisconsin ASLA Spring Conference planning and continuing education programs.

Katie has fundraised for the Leukemia and Lymphoma Society.

Education / Certifications and Memberships

Bachelor of Sciences Degree in Landscape Architecture, University of Wisconsin-Madison 2003

Environmental Studies Certificate, University of Wisconsin-Madison 2003

Secretary of the Wisconsin Chapter ASLA (American Society of Landscape Architects) from 2010 to 2013

President and Past Member of the Wisconsin American Society of Landscape Architects Student Chapter

American Society of Landscape Architects

Janesville Leadership Development Academy (LDA) class of 2007-8

PROJECT EXPERIENCE

Public Works

City of Watertown DPW
Middleton Public Works Facility
Dodge Co Highway Department
Dodge Cty Hwy Dept Addition
Dodge Cty Hwy Dept Salt Storage
Dodge Cty Hwy Dept Vehicle Storage
Fitchburg Parks Addition to DPW
Madison South Point PW Facility
Oak Creek DPW
Stevens Point Transit
Winnebago Cty DPW Storage Facility

Service Centers/VS

Alliant Baraboo Facility
Alliant Bent Tree Wind Farm
Alliant Cedar Ridge Wind Farm
Alliant Prairie du Chien
Alliant Sheboygan
Alliant Verona Entrance
Alliant Whispering Willow Wind Farm

Proposal

Friday | November 20, 2015



Village of Brown Deer

Request for Proposal - Brown Deer Department of Public Works Facility

Brown Deer, Wisconsin





Friday | November 20, 2015

Matthew Maederer, Director of Public Works/Village Engineer
Village of Brown Deer
4800 W. Green Brook Drive
Brown Deer, Wisconsin 53223

Dear Mr. Maederer and Selection Committee:

Thank you for the opportunity to submit our qualifications for the Brown Deer Department of Public Works Facility for the Village of Brown Deer. We appreciate the relationship we built during the course of the Civic Campus Facility Study, and we look forward to the opportunity to continue our partnership on this important project.

Having worked with over 37 municipalities in the last ten years alone, we don't just design for, but commit to, our clients' goals through the understanding of their strengths, what they mean to their communities, and how they plan to evolve in the future. We've been providing programming, planning, and architectural design services for municipalities since 1962 and have the experience to fulfill your vision.

As you know better than anyone, our civic buildings must continue to support rapidly evolving public service models and be designed such that both efficiencies are realized throughout. Bray Architects is better able to assist our clients from problem definition through plan implementation by remaining dedicated to the following objectives:

Consensus Building | Bringing the diverse elements of a system together, exploring how each influences the others, and guiding clients through a process that aims to establish goals and directions while gaining consensus throughout all levels of the organization.

Planning & Design Process | Establishing a structure so clients can quickly evaluate and redirect actions to respond to change; thereby providing a practical process for well-informed decision-making.

Owner Involvement | Your team will be active participants in all phases of the project. As users of your facilities, your participation is vital in the decision making process that establishes the character of your project. We recognize that effective, innovative solutions arise as a result of dynamic interaction between the client, the user group(s) and the design team.

Public Awareness | Practicing architecture in the public realm requires the engagement of the community and taxpayers in open dialogue regarding facility needs and proposed projects. Bray Architects has significant experience with ensuring that the public is aware and engaged during the planning and design phase of every project.

Thank you for your consideration and we look forward to partnering with you on this important project.

Sincerely,

Michael A. Hacker, AIA, NCARB, LEED® AP
Associate | Architect

Matthew D. Wolfert, AIA, LEED® AP
Principal | Architect

www.brayarch.com

Milwaukee, WI 173 North Broadway Milwaukee, WI 53202 T: 414.226.0200

Sheboygan, WI 1202A N. 8th Street, PO Box 955 Sheboygan, WI 53082-0955 T: 920.459.4200

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1 | Firm Profile

FIRM PROFILE

Offices

Milwaukee

Matthew D. Wolfert, AIA, LEED® AP
President | Architect

173 North Broadway
Milwaukee, Wisconsin 53202

Phone(414) 226-0200
Cell(920) 980-5548

mwolfert@brayarch.com

Sheboygan

Stephen J. Kuhnen, AIA
Principal | Architect

1202A North 8th Street | P.O. Box 955
Sheboygan, Wisconsin 53082-0955

Phone(920) 459-4200
Cell(920) 946-1130

skuhnen@brayarch.com

Collaboration

Bray Architects' Milwaukee and Sheboygan offices collaborate on every job undertaken by the organization. We will again partner to provide the highest quality planning and design services possible to the Village of Brown Deer.

Bray Team

Architects	15
Project Managers	1
Construction Administrators	1
Draftspersons	17
Interior Designer	2
Specification Writer	1
Graphic Artist	1
Accountant	1
Administrative	2
Total	41

Type of Firm

Bray Associates Architects, Inc. is a sub-chapter S Corporation in the State of Wisconsin and is licensed to practice architecture in Wisconsin, Illinois, and Minnesota.



FIRM PROFILE

History

Bray Associates Architects, Inc. was founded in 1962 by Lawrence E. Bray in Sheboygan, Wisconsin. Mr. Bray graduated from the Massachusetts Institute of Technology in 1951 and worked with several leading architectural firms prior to forming Bray Architects with his brother Jack. Larry Bray Sr. successfully led the firm until his retirement in 1996.

Until December of 2013, Bray had been under the direction of Larry Sr.'s two sons, Lawrence C. Bray and Geoffrey J. Bray. Ownership has since transitioned to Matthew Wolfert, AIA, LEED® AP, Stephen Kuhnen, AIA, and Ronet Rodewald. Under their leadership, Bray Architects has grown into an architecture and interior design firm focusing on various project types ranging in size from \$100,000 to \$100 million.

While originally focused on K-12 educational design, Bray Architects has evolved into a diverse group of specialists focusing on the design of K-12 education, higher education, civic/municipal, retail/commercial, financial/corporate, recreational, religious and arts projects.

Building upon the solid foundation established by two generations of the Bray family, Bray Architects is guided by the idea that public architecture and public buildings must above all function well, put the user at the center of the design, and connect those users to their communities.

Although we continue to grow and evolve as an architectural practice in market sectors and geographical areas we serve, we remain true to what has been a cornerstone philosophy of our firm since the very beginning – **listen closely to the client and create designs that meet their needs.**

“Overall the design from Bray Architects to incorporate the St. Francis Historical Society into the lobby of our Civic Center is truly amazing for residents, business owners and visitors to see the history of our beautiful community. (The General Contractor) took Bray’s vision and crafted our Civic Center, which will be our home for Police, Fire and Civic Services for the next 100 years. The amazing craftsmanship is second to none ... the vision came together on a perfect scale for St. Francis.”

*Tim Rhode, City Administrator
City of St. Francis*



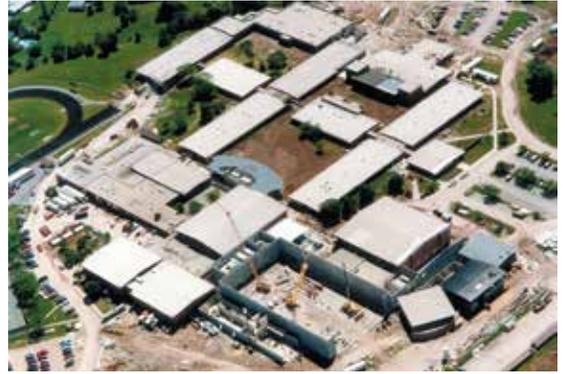
FIRM PROFILE

Diverse Scope of Services

Our architectural services include planning, design, construction documentation and construction administration.

In addition, we offer our clients a diverse scope of services that can be customized to meet the specific needs of any project. These services include:

- Existing facility analysis and master planning
- Facility and site studies
- Pre-referendum planning & referendum support
- Research-based educational planning
- Schematic design & conceptual cost estimating
- ADA compliance review
- Construction documentation and specifications
- Construction related services (CRS)
- Support in the selection of construction manager/general contractor
- Design/build services
- Fundraising assistance
- Building completion and closeout process
- High performance building design
- Leadership in Energy & Environmental Design (LEED®)
- Building Information Modeling (BIM)
- Interior design and/or space planning
- Design/specification of loose equipment and/or furniture
- Detailed building/space programming
- Facilitation of community/public engagement
- Theatrical/performing arts planning and design
- Geothermal conductivity analysis and/or design of geothermal HVAC system & associated ground source (borefield or pond)
- Digital building energy modeling





2 | Project Understanding/ Commitment

PROJECT UNDERSTANDING/COMMITMENT

Bray Architects was fortunate to have had the opportunity to work closely with the Village of Brown Deer administrative team, staff and elected officials while conducting the Civic Campus Feasibility Study.

During the engaging and thorough department needs identification process, the Bray team was able to gain a comprehensive understanding of the programmatic space needs as well as existing facility conditions throughout the Village; and specifically within the Department of Public Works. The detailed steps of organization and prioritization of these space needs led to a range of solutions, including vetting of sites, addition / renovation vs. new construction considerations, assistance in envisioning potential future redevelopment opportunities and ultimately an implementation strategy and solution recommendation. We believe the inclusiveness and transparency of this process, including engagement of elected officials and community members in open house settings, further strengthened the ultimate Department of Public Works relocation recommendation.

Through the time spent developing this recommendation, the Bray team commands a strong understanding of the overall project goals, space type needs, square footage targets, DPW yard operations, and local community precedents. In addition to these core needs, the study process also offered the opportunity to gain a knowledge of the unique dynamics which further define this project – the understanding of and solutions around each will be critical in a successful project. Some examples of these are listed below.

- Critical opportunity to take a step towards consolidating Village services onto a single civic center site (as recommended in the 2009 Comprehensive Plan), while recognizing the dynamics of combining the DPW operations with many un-related, community-centric, functions
- Planning for the future operational shift of the DPW Director's office being located in Village Hall
- Designing to support the specific space needs of the private Water Utility contractor while balancing opportunities for shared use and collaborative environments
- Creation of gender equity within the facility
- Innovative, precedent-setting, on-site storm water management strategies
- Design to support preparedness and efficiency in response for staff and equipment in major events
- Safe circulation of entering and exiting DPW equipment while separating and simplifying wayfinding for public vehicle circulation on-site (DPW visitors and recycling center traffic) as well as with the adjacent uses (community pond, Village Park, Village Hall, Police Department, neighboring businesses, etc.)
- The project's importance as catalyst through relocation from existing site; offering key opportunity for redevelopment within an existing commercial core / residential neighborhood, and may play key role in financially stabilizing the existing TIF district

This commitment of a high level of service, through experience-based expertise and customized / visionary design solutions, is a core value of our firm. Just as provided in the study process, the Bray team remains committed to being a dedicated partner to the Village of Brown Deer.



3 | Project Team

PROJECT TEAM

Every project commenced at Bray Architects is under the direct supervision of one or more of the firm's principals. These principals take an active role in the day to day progress of your project. It is this direct participation that ensures the highest level of professionalism required to make the work done for the Village of Brown Deer a success.

The following team has been crafted to balance individual skill sets with specific project deliverables as well as availability to ensure project commitment:

Matthew D. Wolfert, AIA, LEED® AP
Principal-in-Charge

Michael A. Hacker, AIA, NCARB, LEED® AP
Associate | Architect

Elizabeth A. Dresang, ASID, NCIDQ
Interior Designer

Kyle J. Clark, AIA, NCARB, LEED® AP
Architect | Quality Control

Terry Berkovitz
Specifications Writer

John Kniesz, AIA
Architect | Construction Administration



PROJECT TEAM

Matthew D. Wolfert, AIA, LEED® AP

Principal-in-Charge

Education

- University of Wisconsin-Milwaukee
Master of Business Administration
- University of Wisconsin-Milwaukee
Bachelor of Science-Architectural Studies

Registration

- Wisconsin Architect
- Leadership in Energy and Environmental Design Accredited Professional (LEED® AP)

Associations

- American Institute of Architects (AIA)
- AIA Wisconsin | Milwaukee Chapter
- United States Green Building Council (USGBC)
- March of Dimes | March for Babies Co-Chair
- Wisconsin School Public Relations Association (WSPRA)

Recognition

- 40 Under 40 Award (2015)
Milwaukee Business Journal

Responsibilities / Experience

Matt established and directs the Milwaukee office and in December of 2013 became owner of the firm along with principals, Steve Kuhnen and Ronet Rodewald.

A member of the Bray Architects team for over 19 years, Matt began his career as an Architectural Intern and has worked his way up from the print room intern to director of large, complex, multi-million dollar projects in various market sectors including higher education, civic/municipal, recreation and K-12 education. Matt maintains a focus on business development & project management.

Clients appreciate Matt's unique ability to understand their goals and articulate easily understandable strategies. He is responsible for establishing and maintaining design budgets and construction schedules, always seeking the highest quality design within budget.

Matt will manage all architects, interior designers, consultants and engineers and will be involved in the project's progression from planning through project closeout. He is proficient in committing the necessary resources and providing appropriate technical staff to ensure the successful completion of the project.



Related Project Experience

- Delafield Dept. of Public Works
- Burlington Integrated Dept. of Public Works
- Oak Creek City Hall & Library
- St. Francis Civic Center
- Mt. Pleasant Village Hall & Police Station
- DeForest Village Hall & Police Station
- Waukesha City Hall Study
- Verona City Hall & Police Station
- Madison Metropolitan Sewerage District
- WE Energies Appleton Services Center

PROJECT TEAM

Michael A. Hacker, AIA, NCARB, LEED® AP

Associate | Architect

Education

- University of Wisconsin-Milwaukee
Master of Architecture
- University of Wisconsin-Milwaukee
Bachelor of Science-Architectural Studies

Registration

- Wisconsin Architect
- Illinois Architect
- Leadership in Energy and Environmental Design Accredited Professional (LEED® AP)

Associations

- American Institute of Architects (AIA)
- AIA Wisconsin | Milwaukee Chapter
 - Vice President - Board of Directors
 - Historic Resource Committee | Co-Chairperson
- United States Green Building Council (USGBC)
- National Council of Architectural Registration Boards (NCARB)
- Eisenhower Center | Vice President - Board of Directors

Recognition

- Graduate of the Last Decade (GOLD) Award (2013)
UWM Alumni Association
- Rising Young Professional of the Year (2012)
The Daily Reporter - Newsmakers of the Year
- Gerald D. Hines Urban Design Competition (2007)
Urban Land Institute | Honorable Mention - First Street Focus

Responsibilities / Experience

Mike will assist in programming and schematic design phases and will support Steve Kuhnen in the design development and construction documentation efforts of the Bray team. He will focus on merging the functional needs of the each user with the overall design direction established during the planning phase.

Mike will be responsible for generating all schematic floor plans, site plans, and three-dimensional modeling of the proposed project. His ability to translate owner requests immediately into the third dimension is critical in keeping the project on schedule, and very important when seeking approval of public sector authorities.



Related Project Experience

- Delafield Dept. of Public Works
- Oak Creek City Hall & Library
- St. Francis Civic Center
- Mt. Pleasant Village Hall & Police Station
- Delafield City Hall & Public Library
- Brown Deer Civic Campus Study
- DeForest Village Hall, Police & Fire Study
- Summit Village Hall & Police Dept. Study
- Oak Creek Fire Station No. 1
- Madison Metropolitan Sewerage District

PROJECT TEAM

Elizabeth A. Dresang, ASID, NCIDQ

Interior Designer

Education

- University of Wisconsin-Stevens Point
Bachelor of Arts-Interior Architecture

Associations / Certifications

- American Society of Interior Designers Member (ASID)
- National Council for Interior Design Qualification Certification (NCIDQ)

Responsibilities / Experience

As our lead Interior Designer, Elizabeth is responsible for the majority of our interior design projects. A talented designer, she most enjoys the challenge of meeting and exceeding all requirements of the project with thoughtful design intent, yet always conscious of budgetary constraints. She excels at creating environments where individuals feel comfortable and inspired.

Elizabeth has a vast knowledge of materials and finishes and has strong ties to the interior industry. She works closely with the architectural team to create a cohesive design. With rapid changes in work patterns and environments, she is able to provide well-designed work environments that are responsive to people and technology.



Related Project Experience

- Liz supports all of our clients with interior design and/or furniture selection needs.

PROJECT TEAM

Kyle J. Clark, AIA, NCARB, LEED® AP

Architect | Quality Control

Education

- University of Wisconsin-Milwaukee
Master of Architecture
- University of Wisconsin-Milwaukee
Bachelor of Science-Architectural Studies

Registration

- Wisconsin Architect
- Leadership in Energy and Environmental Design Accredited Professional (LEED® AP)

Associations

- American Institute of Architects (AIA)
- AIA Wisconsin
- National Council of Architectural Registration Boards (NCARB)
- United States Green Building Council (USGBC)

Responsibilities / Experience

Kyle will coordinate the internal Bray team and proposed sub-consultants. He will focus on code analysis and quality control and will be responsible for implementing the proven Bray approach to BIM model coordination amongst the consultant team. Kyle's blend of experience with construction document preparation, quality control, and onsite construction administration provide him with a unique skill set to support our architectural team.

As a member of the project team, he is involved from the facilities analysis phase of a project through the design. In addition, it is his responsibility to manage the design schedule and to ensure that all sub-consultants, owner decisions and Bray staff are in alignment throughout the process.

Kyle has deep experience in every stage of the design process and will be a key member of your project team.



Related Project Experience

- Kyle supports all of our clients in his role as quality control advisor.

PROJECT TEAM

Terry Berkovitz

Specification Writer

Education

- Northeast Wisconsin Technical College
Green Bay, Wisconsin

Responsibilities / Experience

Terry has been involved in the design and construction of K-12 educational facilities as a project manager, specification writer, and construction administrator with Bray Architects for over 40 years.

As our specification writer for the past 20 years Terry has been involved in every project we have had the good fortune to design. Listed on the right are a few recent K-12 clients Terry has been instrumental in helping achieve success.

He is highly versed in helping our clients balance their specific product or equipment standards with the desire to keep specifications “open” to ensure competitive pricing. He also plays a key role during the quality control phase of every project in evaluating the plans to ensure that all necessary specification sections are included.



Related Project Experience

- Terry supports all of our clients in his role as specification writer.

PROJECT TEAM

John Kniesz, AIA

Architect | Construction Administration

Education

- University of Wisconsin-Milwaukee
Master of Architecture
- University of Wisconsin-Milwaukee
Bachelor of Science-Architectural Studies

Registration

- Wisconsin Architect
- IDOT Certified Aggregate Technician
- WISDOT Certified Highway Technician

Associations

- American Institute of Architects (AIA)
- AIA Wisconsin

Responsibilities / Experience

John is responsible for the administration of contract documents at Bray. He will ensure the general contractor follows all plans and specifications to ensure quality and timely completion of your project.

Much of John's 22 years of experience in professional practice as a project architect and manager has been to closely monitor and control the execution of the project. He has supervised teams to maintain project scope, budget and schedule, and is highly experienced in integrated quality control of contract documents and quality control management. John has experience in project types as diverse as municipal, institutional, educational, commercial and multi-family residential.



Related Project Experience

- John supports all of our clients in his role as construction administrator.



4 | Consultant Team

ORGANIZATIONAL CHART



Architecture | Project Management | Green/Sustainable Design | Cost Estimating | Interior Design

Matthew D. Wolfert, AIA, LEED® AP
Principal-in-Charge

Elizabeth A. Dresang, ASID, NCIDQ
Interior Designer

Terry Berkovitz
Specifications Writer

Michael A. Hacker, AIA, NCARB, LEED® AP
Associate | Architect

Kyle J. Clark, AIA, NCARB, LEED® AP
Architect | Quality Control

John Kniesz, AIA
Architect | Construction Administration



**Civil Engineering
Landscape Architecture
Stormwater Management
Land Surveying**

Thomas R. Perez, PE
Site Development Manager | Associate

Kevin C. Bryne, ASLA, LEED® AP
Landscape Architect



Structural Engineering

Thomas J. Dekker, PE
President | CEO



HVAC Design / Engineering

Randy All
President

Jason Testin
Vice President



**Plumbing & Fire Protection Design
Electrical Engineering
Data & Communication Design**

Curt Krupp
President | Electrical Designer

Juli-Anna Simonet
Plumbing Designer | Project Manager

CONSULTANT TEAM

The consultant team below has been expressly selected because of their experience with precisely this project type, in addition to their successful and long term working relationships with our firm.

Kapur & Associates, Inc.

Civil Engineering
Landscape Architecture
Stormwater Management
Land Surveying

7711 North Port Washington Road
Milwaukee, Wisconsin 53217
Phone(414) 351-6668
Length of Relationship10+ years



Ambrose Engineering, Inc.

Structural Engineering
W66 N215 Commerce Court, Suite 100
Cedarburg, Wisconsin 53012
Phone(262) 377-7602
Length of Relationship30+ years



Fredericksen Engineering, Inc.

HVAC Design / Engineering
12308 Corporate Parkway
Mequon, Wisconsin 53092
Phone(262) 243-9090
Length of Relationship20+ years



Muermann Engineering, LLC

Plumbing & Fire Protection Design
Electrical Engineering
Data & Communication Design
116 Fremont Street
Kiel, Wisconsin 53042-0235
Phone(920) 894-7800
Length of Relationship30+ years



CONSULTANT TEAM

Kapur & Associates, Inc.

Civil Engineering

Landscape Architecture

Stormwater Management

Land Surveying

Kapur & Associates provides a wide range of conceptual planning and innovative site design for retail, office, commercial, institutional, healthcare, business parks, industrial parks, recreational parks, and community centers. Our team of professionals is dedicated to serving clients such as developers, builders, general contractors, architects, and governmental agencies.

Kapur & Associates site development team provides a comprehensive approach customized to each project that meets our client's needs and within budget. Kapur takes great pride in determining the environmental characteristics of each site and preserving these features to benefit the population for years to come. These include environmental corridors, wetlands, streams, rivers, lakes, wildlife, and vegetation.

Services Kapur offers include:

- Site Layout and Access
- Site Landscape Design
- LEED® credit analysis and submittal
- Infiltration Basins
- Rain Gardens
- Bioswales
- Green Roofs
- Site Grading and Earthwork Analysis
- Storm Water Management
- Storm Water Quantity & Quality Modeling
- Hydrologic/Hydraulic Drainage Studies
- Storm Drainage Design: Pipes & Channels, Detention, Retention, & Underground Basins
- Water Main and Fire Protection
- Wastewater System Design
- Environmental Permitting and Approval
- Roadways and Parking Lots
- Retaining Walls
- Recreational Walking and Bike Trails
- Erosion Control Measures
- Construction Cost Estimating
- Boundary/CSM/ALTA Surveys
- Construction Staking
- Construction Management



CONSULTANT TEAM

Thomas R. Perez, PE

Site Development Manager | Associate

Education

- Bachelor of Science, Civil Engineering, University of Wisconsin-Milwaukee, Milwaukee, WI (1991)

Experience

Tom has more than twenty three (23) years of diversified design experience in site development, municipal engineering design, highway and street design, hydraulic analysis, storm water management, and agency permitting.

His responsibilities include overseeing and reviewing the design and preparation of construction documents and specifications for site design projects.

Tom has extensive experience in site grading, storm sewer and sanitary sewer design, water main design, hydraulic analysis, and storm water management.

He is the manager of our Site Design Department, and supports efforts for municipal and transportation projects as needed.

Tom is an avid cyclist, angler, and sailor.



Kevin C. Bryne, ASLA, LEED® AP

Landscape Architect

Education

- Bachelor of Science, Landscape Architecture
University of Madison, Madison, WI (2001)

Experience

Kevin has more than sixteen (16) years of diversified design experience in design and creation of presentation drawings, estimating, and construction of commercial, residential and institutional landscapes.

His responsibilities include conceptual and detailed Landscape and Site Development Design, LEED® credit analysis and LEED® submittals.

Kevin has design experience in lakefront property, intricate paving and wall design, low maintenance and year-round interest plantings, water features, bio-retention cells (rain gardens), bioswales, roof gardens, site grading, erosion control, storm sewer design, construction document and specification preparation and construction management.

Kevin enjoys homebrewing, camping, and spending time outdoors.



CONSULTANT TEAM

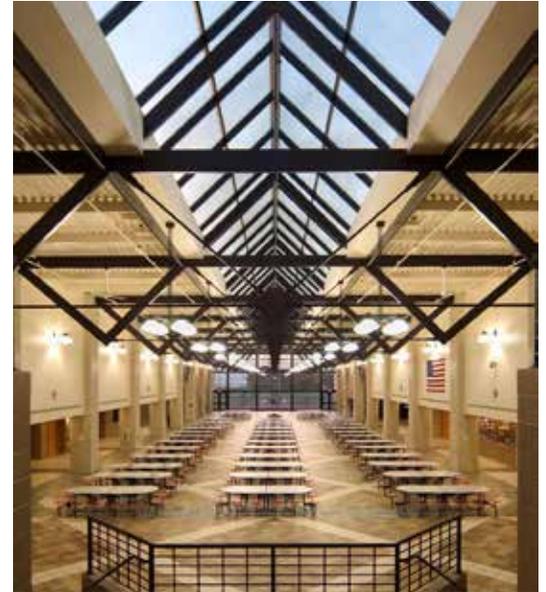
Ambrose Engineering, Inc.

Structural Engineering

Ambrose Engineering, Inc. is a full service structural engineering design consulting firm located in Cedarburg, WI. The firm was established in 1977 by Ambrose H. Wilger, who laid the foundation for trusting and long-lasting relationships with owners, architects and contractors.

Ambrose Engineering, Inc. has provided structural engineering services for a broad range of construction and occupancy types. Our experience includes retail, commercial, high-rise office, industrial, distribution centers, educational, religious, multi-tenant residential, medical facilities, entertainment complexes, and detention facilities.

Ambrose has provided structural engineering services for projects with construction costs ranging from low budget to in excess of 75 million dollars. Our experience and expertise in projects of all sizes and types has laid the groundwork for our company to grow and establish new partnerships while strengthening our existing relationships. This allows us to complete hundreds of projects every year of increasing size and scope.



CONSULTANT TEAM

Thomas J. Dekker, P.E.

President | CEO

Education

- University of Wisconsin - Milwaukee
Bachelors of Science, Structural Engineering (1971)

Professional Engineer Registration

- Wisconsin - Since 1977

Experience

Prepare the layout and design of structural framing systems, assist in and supervise the preparation of final contract drawings, assist in or supervise the preparation of construction details, supervise or prepare final approval for numerous schools, industrial buildings, office buildings, churches, and business centers

CONSULTANT TEAM

Fredericksen Engineering, Inc.

HVAC Design / Engineering

Fredericksen Engineering is a consulting engineering firm with more than 150 years combined experience in the mechanical engineering field. In the firm's 59 year history they have specialized in consulting and design services with projects completed throughout the United States.

Bert Fredericksen first entered private practice in partnership with John A. Lofte on May 1, 1953 with the firm name being Lofte & Fredericksen. Upon John Lofte's retirement in 1974, the corporate name was changed to Bert Fredericksen, Inc. In 1985 John Fredericksen was named President of the firm along with Bert Fredericksen, Jr. being named Vice President. In 1992 Bert Fredericksen, Sr. retired from active service. In July of 1999, Bert Fredericksen, Inc. became Fredericksen Engineering, Inc.

Their consulting services primarily encompass the preparation of detailed drawings and specifications for competitive bidding and construction. In addition, they can also provide comprehensive services in the areas of energy conservation, construction cost estimates, energy/cost analysis, and construction management.

Engineering today is no longer simply providing heating and ventilation to meet state and local codes. The engineer must take into account energy/cost relationships, energy management systems, computer control systems, acoustics, heat reclaim, and other specialty applications. Fredericksen Engineering is experienced with all aspects of design and is capable of attacking even the most difficult engineering problems.

Their goal is a satisfied client and Fredericksen Engineering will strive at all times to achieve that goal. Proud of their reputation for providing clean, concise construction documents. For more than 50 years they have worked hard to gain the respect of the construction industry and look forward to strengthening that standing in the future.



CONSULTANT TEAM

Randy All

President | Professional Engineer

Education

- University of Wisconsin - Platteville
Bachelor of Science - Mechanical Engineering (1990)

Experience

Randy All is the President of the firm and has brought important and significant understanding since joining FEI in 1999.

His extensive and varied experience in construction and consulting coupled with a solid engineering background provides valuable insights to projects as they develop. His engineering degree provided the opportunity to work as a Mechanical Engineer, a Project Design Engineer and as a Design/Build HVAC Engineer in the building industry. His life experiences bring to the table a finer understanding of the construction process from the point of view of the clients he serves.

He also continues to serve as a Senior Project Engineer and is a valuable resource to the Project Engineers in the firm.



Jason Testin

Vice President

Education

- Tri-State University
Bachelor of Science - Mechanical Engineering (1999)

Experience

Jason is the Vice President of the firm and is also part of the next generation of highly skilled engineers representing Fredericksen Engineering. An attention to detail is an inherent trait of all engineers but continuity is a rare and valuable commodity in our industry. Jason is our third generation to oversee the design, development and implementation of our construction plans and documents.

A great building is truly built upon the partnership of the owners, architects, engineers and trades and Jason brings a wealth of understanding to the process as well as an unshakable commitment to creating a satisfied client for the long term. He has broad experience with a variety of project types including municipal buildings, schools, hospitality, manufacturing, water parks and even a monastery.

Prior to joining the firm he performed as a manufacturing engineer bringing depth to his design experience.

Jason has created his own legacy with our firm since 2000 involving all aspects of a successful project. He originates designs, equipment specifications and brings knowledge and judgment to every project he oversees.

Jason has taken a lead role within the firm with regard to the design of geothermal heat pump systems. As these systems develop and gain greater acceptance in the community Jason is expanding on his knowledge and understanding of the technologies involved.



CONSULTANT TEAM

Muermann Engineering, LLC

Plumbing & Fire Protection Design
Electrical Engineering
Data & Communication Design

Muermann Engineering is a registered, insured professional consulting firm providing electrical, telecommunication, plumbing, and fire protection design services. The firm began in 1987 and has grown to become a solid resource for engineering design services.

With offices in Kiel and Milwaukee, Wisconsin, they have a staff of over 26 individuals that serve statewide and national clients practicing in the areas of architecture civil and mechanical engineering.

Solid planning, superior solutions... it's the way we do business, the way we ensure the highest quality electrical and plumbing design services we proudly provide.

Their wide expertise in electrical, telecommunications, plumbing, and fire protection technologies allows them to proficiently serve a number of market sectors including: commercial, educational, financial institutions, health care, hospitality/water parks, housing, industrial, municipal, religious institutions, retail, and wastewater/water treatment.

They are on the leading edge of alternative energy design, offering creative "green" project solutions that are cost effective and environmentally sound. In addition, Muermann Engineering has LEED® certified personnel. Designing flexibility into their projects allows them to maximize energy savings and maintain comfortable facilities for their clients.



CONSULTANT ENGINEERS

Curt F. Krupp

President

Electrical Designer | Project Manager

Education

- Attended Milwaukee School of Engineering—Electrical Program
- Moraine Park Technical College, WI Civil/Structural Engineering
- Hughes Institute, Alexandria, Virginia—Designing electrical systems for facilities, electrical distribution
- University of Wisconsin—Madison—Electrical System Design
- Illuminating Engineering Society of America (IES) - Commercial and Industrial Lighting Certificate
- Commercial and Industrial Lighting Certificate



Experience

Curt has extensive project management experience for educational, commercial and municipal facility projects and specializes in lighting, power distribution, and special systems design and is knowledgeable in the areas of computer networking, phone systems, data distribution, CATV distribution, fire alarms, CCTV, and security.

Juli-Anna Simonet

Plumbing Designer | Project Manager

Education

- Revit Architectural Course - NWTC, 2011
- Fire Protection Design Course - UW-Madison, August 2006
- HVAC Design Course - UW-Madison, June 2006
- Plumbing Design Course - UW-Madison, April 2005
- Northwest Technical School of Drafting and Design, Eden Prairie, MN
Architectural Drafting and Design



Experience

Juli has nearly fifteen years of industry experience, specializing in plumbing design for schools, medical facilities, and commercial projects. She also has experience in LEED building systems, solar plumbing design, rainwater capture systems, and medical gas systems design. As project manager, Juli will design plumbing and fire protection systems and collaborate with the department to continue implementing high quality designs and solutions for our clients.



5 | Relevant Experience

RELEVANT EXPERIENCE

The experience in this section represents the diversity of the municipal, governmental, public safety, and civic planning and design portfolio Bray Architects has developed as a 53 year leader of Wisconsin's public sector design community.

The majority of these completed projects are the result of comprehensive programming and planning efforts performed by our firm. In many cases they also represent repeat clients, something we are very proud of and work extremely hard to achieve.

Administration

Beaver Dam City Hall & Fire Station	Beaver Dam, WI
Brown Deer Civic Campus Facilities Study	Brown Deer, WI
Caledonia City Hall & Library	Caledonia, MN
Cross Plains Village Hall & Police Department	Cross Plains, WI
DeForest Village Hall, Police & Fire Stations	DeForest, WI
Delafield City Hall & Library	Delafield, WI
Department of Motor Vehicles Lab	LaCrosse, WI
Department of Motor Vehicles Renovation	Sheboygan, WI
Dodge County Clearview North Renovation	Juneau, WI
Elkhart Lake Library / Civic Center	Elkhart Lake, WI
Horicon City Hall & Library	Horicon, WI
James P. Coughlin Center DNR Addition	Oshkosh, WI
Jefferson City Hall	Jefferson, WI
Kewaunee County Administration Center	Kewaunee, WI
Kiel City Hall & Police Station	Kiel, WI
Lanark City Hall & Library	Lanark, IL
LEED® Certified Office Building	Johnstown, PA
MMSD Non Process Buildings Study	Madison, WI
Madison Water Utility Admin & Operations	Madison, WI
Monona City Hall, Police & Fire/EMS Station	Monona, WI
Mt. Pleasant Village Hall, Police & Fire Stations	Mount Pleasant, WI



RELEVANT EXPERIENCE

Administration - continued

Oak Creek City Hall & Library	Oak Creek, WI
Pewaukee Village Hall & Police Station	Pewaukee, WI
Platteville City Hall & Police Study	Platteville, WI
Rome Town Hall, Police, Fire, EMS and Highway	Nekoosa, WI
Sheboygan County Administration Building	Sheboygan, WI
Slinger Village Hall, Police, Library & DPW Study	Slinger, WI
Social Security Administration	Fond Du Lac, WI
St. Francis City Hall, Police & Fire Station	St. Francis, WI
Stevens Point City Hall & Police Dept. Study	Stevens Point, WI
Summit Village Hall & Police Department Study	Summit, WI
Verona City Hall & Police Station	Verona, WI
Washington County Public Agency Center	West Bend, WI
Waterloo City Hall & Police Station	Waterloo, WI
Waukesha City Hall & City Hall Annex	Waukesha, WI
Waukesha City Hall, Water Works & DPW Study	Waukesha, WI
Winnebago County Oshkosh B'Gosh	Oshkosh, WI
Winnebago County Pleasant Acres	Oshkosh, WI



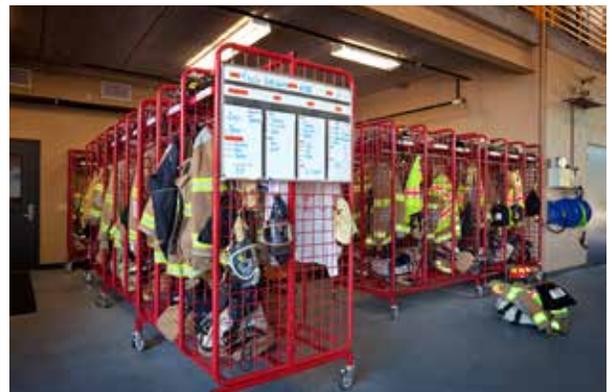
Law Enforcement

Brown Deer Village Hall & Police Station Study	Brown Deer, WI
Cross Plains Village Hall & Police Station	Cross Plains, WI
DeForest Village Hall, Police & Fire Stations	DeForest, WI
Delafield Public Safety Building	Delafield, WI
Greenfield Law Enforcement Center	Greenfield, WI

RELEVANT EXPERIENCE

Law Enforcement - continued

Horicon Police, Fire & EMS Building	Horicon, WI
Jefferson Police Station & Public Utility Building	Jefferson, WI
Kiel City Hall & Police Station	Kiel, WI
LEED Certified Office Building	Johnstown, PA
Madison South District Police Station	Madison, WI
Madison West District Police Station	Madison, WI
Marinette County Jail & Sheriff's Department	Marinette, WI
Middleton Police, Fire & EMS Study	Middleton, WI
Milwaukee County Sheriff's Training Academy	Franklin, WI
Monona City Hall, Police & Fire/EMS Station	Monona, WI
Mount Pleasant Village Hall & Police Station	Racine, WI
Mount Pleasant Police Department Firing Range	Racine, WI
Northeast WI Regional Public Safety Building	Brown County, WI
Pewaukee Village Hall & Police Station	Pewaukee, WI
Platteville Police Station	Platteville, WI
Rome Town Hall, Police, Fire, EMS and Highway	Nekoosa, WI
Sheboygan County Detention Center	Sheboygan, WI
Stevens Point City Hall & Police Station Study	Stevens Point, WI
St. Francis City Hall, Police & Fire Station	St. Francis, WI
Summit Village Hall & Police Station Study	Summit, WI
US Customs & Border Protection	Rangeley, ME
US Drug Enforcement Administration	Southeast, WI
Verona City Hall & Police Station	Verona, WI
Waterloo City Hall & Police Station	Waterloo, WI



RELEVANT EXPERIENCE

Fire | EMS

Beaver Dam Fire Station & City Hall	Beaver Dam, WI
Cross Plains Village Hall & Police Department	Cross Plains, WI
Delafield Public Safety Building	Delafield, WI
DeForest Village Hall, Police & Fire Stations	DeForest, WI
Delavan Fire Station	Delavan, WI
Fond du Lac Fire Station	Fond du Lac, WI
Greendale Fire Station Study	Greendale, WI
Greenfield Fire Station No. 1	Greenfield, WI
Hales Corners Fire Station	Hales Corners, WI
Horicon Police, Fire & EMS Building	Horicon, WI
Johnson Creek Fire Department	Johnson Creek, WI
Kiel Fire Station	Kiel, WI
LaCrosse Fire Station No. 3	LaCrosse, WI
Madison Fire Station No. 7	Madison, WI
Middleton Police, Fire & EMS	Middleton, WI
Monona City Hall, Police & Fire/EMS Station	Monona, WI
Mount Calvary Fire Station	Mount Calvary, WI
Nashotah Fire Station	Nashotah, WI
Oak Creek Fire Station No. 1	Oak Creek, WI
Omro Fire Station	Omro, WI
Platteville Fire/EMS Facility	Platteville, WI
Rome Town Hall, Police, Fire, EMS and Highway	Nekoosa, WI
Sheboygan Fire Station No. 2	Sheboygan, WI
Sheboygan Fire Station No. 4	Sheboygan, WI



RELEVANT EXPERIENCE

Fire | EMS - continued

Sister Bay Fire & EMS Station	Sister Bay, WI
Slinger Village Hall, Police, Library & DPW Study	Slinger, WI
South Shore Fire Station No. 8	Racine, WI
St. Francis City Hall, Police & Fire Station	St. Francis, WI
Two Rivers Fire Station	Two Rivers, WI
Two Rivers Fire Station Training Tower	Two Rivers, WI
Verona Fire & EMS Station	Verona, WI
Wauwaukee Fire & EMS Station	Wauwaukee, WI



Public Works | Utilities

Burlington Integrated Public Works	Burlington, WI
City of Greenfield Public Works	Greenfield, WI
Delafield Public Works	Delafield, WI
Goodman Park Maintenance Facility	Madison, WI
Jefferson County Hwy Maintenance Facility	Jefferson, WI
Jefferson, Police Station & Public Utility Building	Jefferson, WI
MMSD Non Process Buildings Study	Madison, WI
Madison Water Utility Admin. & Operations	Madison, WI
Plymouth Utilities Operation Center	Plymouth, WI
Rome Town Hall, Police, Fire, EMS and Highway	Nekoosa, WI
Sheboygan Falls Municipal Garage	Sheboygan Falls, WI
Slinger Village Hall, Police, Library & DPW Study	Slinger, WI
Summit Facilities Study	Summit, WI
Waterloo Water & Light Admin. & Operations	Waterloo, WI



RELEVANT EXPERIENCE

Public Works | Utilities - continued

WE Energies Vehicle Storage Garage	Appleton, WI
Waukesha Water Utility & Transit Center	Waukesha, WI

Civic | Library | Recreation | Senior Center

New Ashwaubenon Community Center	Ashwaubenon, WI
New Ashwaubenon Community Pool	Ashwaubenon, WI
Caledonia City Hall & Library	Caledonia, MN
Camp Manitowish YMCA	Boulder Junction, WI
Dane County Park Shelter	Madison, WI
DeForest Area Public Library	DeForest, WI
Delafield City Hall & Library	Delafield, WI
Elkhart Lake Library / Civic Center	Elkhart Lake, WI
Fond du Lac County Recreation Center	Fond du Lac, WI
Franklin Senior / Recreation Center	Franklin, WI
Greenfield Community Center	Greenfield, WI
Greenfield Public Library	Greenfield, WI
Hartland Community Center	Hartland, WI
Horicon City Hall & Library	Horicon, WI
Lanark City Hall & Library	Lanark, WI
Monona Senior & Recreation Center	Monona, WI
Mt. Horeb Pool & Recreation Center	Mt. Horeb, WI
New Holstein Community Center	New Holstein, WI
Oak Creek City Hall & Library	Oak Creek, WI
Oconomowoc Community Center	Oconomowoc, WI



RELEVANT EXPERIENCE

Civic | Library | Recreation | Senior Center - continued

Pekin Park District	Pekin, IL
Platteville City Hall & Police Station	Platteville, WI
Rosemary Garfoot Public Library	Cross Plains, WI
Sheboygan Aviation Heritage Center	Sheboygan, WI
Waunakee Senior Center	Waunakee, WI
Waunakee Village Center	Waunakee, WI
Waupaca Recreation Center Pool Roof Analysis	Waupaca, WI
Whitewater Community Aquatic Center	Whitewater, WI



CITY | MUNICIPAL

City of Burlington

Burlington, Wisconsin



New Integrated Department of Public Works

This Department of Public Works houses the Streets, Parks, and Water Departments. Office space includes a reception area, supervisor and foremen offices, staff training & multi-purpose room, document storage, office support areas, and a lunch room. The garage storage area contains vehicle and equipment storage, maintenance bay, part storage area, wood shop, welding area, utility workroom, and a cold storage area. Salt storage and compactions facilities were also constructed as part of the project.

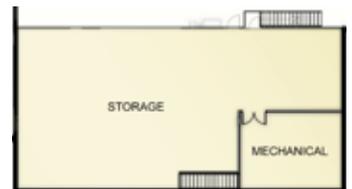
The design began with considerations to the building's relationship to a major thoroughfare into the city. The building program required several large volume open work spaces, while master planning for future site and building expansion required the building footprint to be located close to a heavily traveled street. The scale of the facility was thus reduced by breaking the office functions and maintenance bays into smaller components and arranging them to screen the largest building parts from the street.

CITY | MUNICIPAL

City of Burlington | New Integrated Department of Public Works
Burlington, Wisconsin



First Floor Plan



Mezzanine Floor Plan

CITY | MUNICIPAL

City of Madison

Madison, Wisconsin



New Madison Metropolitan Sewerage District Maintenance Facility

The new 40,000 sf maintenance facility was a recommendation which evolved from a Bray-led facility master planning. The new facility sits on the existing MMSD campus and provides a professional, public presence while integrating into existing campus aesthetic. The building will feature a garage, workshops, offices, lockers and training room. The facility's HVAC system will utilize a unique, innovative, effluent-circulating heat pump system, and the building will also feature photovoltaic panels on the the roof. Due to these innovative design approaches for mechanical systems and water efficiencies, this project is designed toward an expected LEED® Gold certification.

CITY | MUNICIPAL

City of Madison | MMSD Maintenance Facility

Madison, Wisconsin



CITY | MUNICIPAL

City of Plymouth

Plymouth, Wisconsin



New Utilities Operations Center

Bray Architects was selected to assist Plymouth Utilities and the City of Plymouth in evaluating potential sites for a new administration, storage, and garage building. Plymouth Utilities is a community-owned, electric, water and wastewater utility providing electric service to the City and parts of 10 surrounding townships. Water and wastewater service is provided to the City of Plymouth.

The study included evaluation of three sites on the periphery of the City, a programming process to establish the requirements of the new building and site, and conceptual designs including floor and site plans.

In addition, a sustainability analysis was conducted to evaluate energy and operational cost savings and the possibility of seeking Leadership in Energy and Environmental Design (LEED®) certification for the new building.

Three conceptual building layouts were considered - all of them reacting to different opportunities and challenges provided by the selected site, the circulation requirements of large vehicles and equipment operating on the site on a daily basis, and the requirement for a large yard area used to store utility poles, transformers, and other equipment.

CITY | MUNICIPAL

City of Plymouth | New Utilities Operations Center

Plymouth, Wisconsin



Mezzanine Floor Plan



First Floor Plan



6 | References

REFERENCES

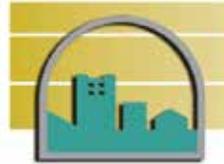
City of St. Francis

Mr. Tim Rhode
City Administrator
3400 E. Howard Ave
St. Francis, Wisconsin 53235
(414) 481-2300 ext. 4304
trhode@stfranwi.org



Village of DeForest

Ms. LuAnn Leggett
Deputy Administrator/Village Clerk
306 DeForest Street
DeForest, Wisconsin 53532
(608) 846-6751
leggett@wi.deforest.wi.us



Mount Pleasant Police Department

Chief Timothy Zarzecki
8811 Campus Drive
Mount Pleasant, Wisconsin 53406
(262) 884-0454
tzarzecki@mtpleasantwi.gov



Madison Metropolitan Sewerage District

Mr. Bruce Borelli
Director of Engineering
1610 Moorland Road
Madison, WI 53713
(608) 222-1201 ext 206
bruceb@madsewer.org



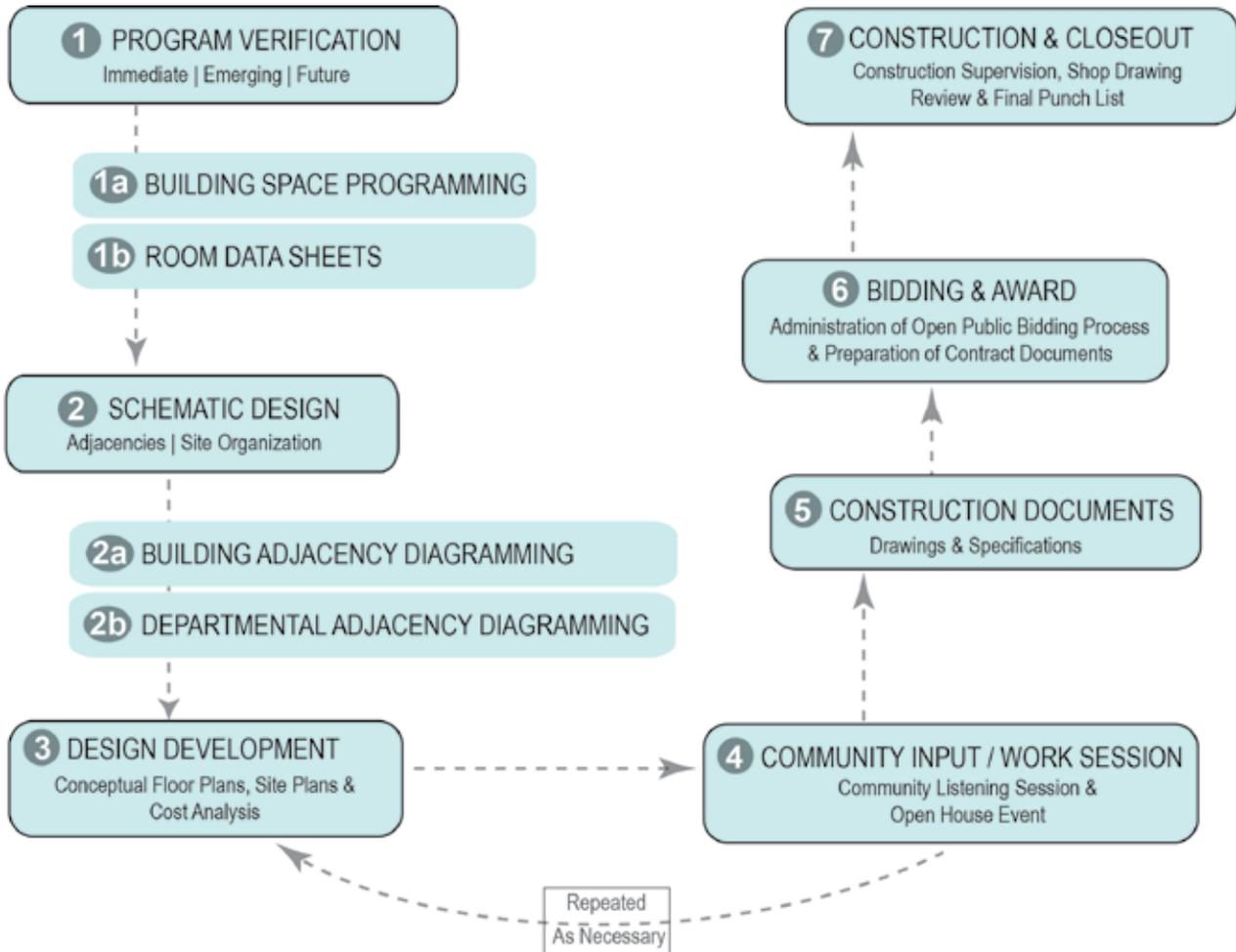


7 | Approach

APPROACH

The following planning and design process has been developed by Bray Architects and implemented on hundreds of public sector building projects. The goal is to provide a structured approach to determine the building needs for today, while creating flexibility for the future to accommodate both emerging trends and future requirements.

This proven approach is only successful because of our team's strong belief in, and desire to, listen and respond to our clients. Each community or department we engage in the planning and design process has a unique set of needs and our approach to defining those needs is not precisely predetermined. This approach is therefore a guide which will be adapted appropriately to your specific project.



APPROACH

1 Program Verification

Immediate, Emerging and Future

Goals

- Establish quantity, size and unique requirements of individual spaces through the creation of room data sheets
- Document immediate, emerging and future needs in a written building space program

Process

Bray Architects will utilize a proven process to determine not only the current needs but also the emerging and future needs of the department.

This highly interactive process relies heavily upon an open dialogue between department leaders and the design team. The result is not just a listing of the number and size of spaces, but a written and graphic depiction of how each department should ideally be arranged.

A unique, and highly important component of our process, is the use of room data sheets. The quantity and size information from the room data sheet workshops are translated into the final space program while the adjacency requirements, unique electrical needs, and other specialized requirements of the spaces are documented for use during the detailed design phase.

Deliverables

- Room data sheets for all spaces in building program
- Final space program identifying immediate, emerging and future needs

Graphic Approach to Assessing Needs

The images below and on the following pages exemplify the graphic approach that we believe greatly enhances not only the accuracy and validity of the needs assessment, but also puts our owners in a position to better understand the types, sizes and technical requirements of the proposed spaces early in the planning process.

1b Room Data Sheets

Police Department - Room Specification Guideline



Evidence Processing	
Functional zone	Private
Functional area / department	Police Department
Users	Police Staff - Evidence Processing Tech
Normal occupancy (hours)	8am-5pm
Adjacencies	Evidence Drop, Evidence Storage
System Requirements - Plumbing	Fume Hood Sink and Cold Water Supply, Eye Wash and Shower Station, Sink, Floor Drains
HVAC requirements	Fume Hood Vent, Powder Hood Vent
Lighting requirements	Indirect
Power requirements	Multiple Double Duplex Outlets
Telephone	Voiceover IP
Data / technology	CAT6
Acoustical	Interroom Speaker
Finishes - Flooring & base	Epoxy
Walls	Concrete Block / Painted Gypsum Board
Ceiling	Acoustical Tile
Ceiling Height (minimum)	8' - 0"
Furniture - by owner	Stainless Steel Tables
Additional Requirements / Notes	Blood Drying Closet, Pass thru evidence storage lockers including a refrigerated pass thru unit.

APPROACH

2 Schematic Design

Adjacencies, Site Organization

Goals

- Establish conceptual site and building plans that considers functionality, departmental adjacency requirements, and site constraints
- Define a clear delineation between public, semi-public and private departments and/or spaces
- Develop an overall conceptual building and site layout that is agreed upon by the owner and the design team before detailed floor and site plans are developed

Process

This is one of the more highly interactive phases of the needs assessment process. It is the first time that the owner and design team begin to visually experience how the building may interact with the site and how each department may interact with each other.

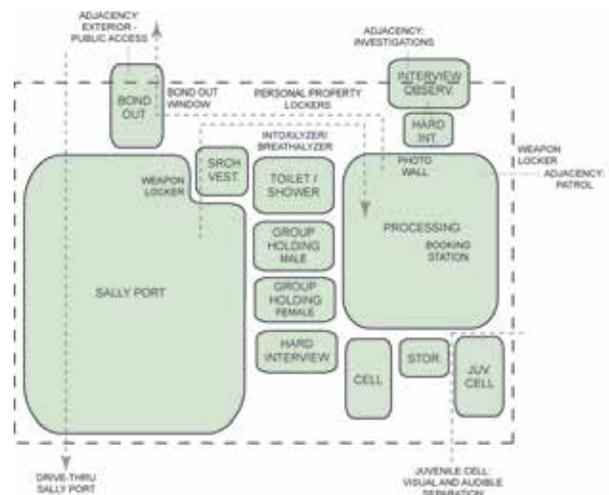
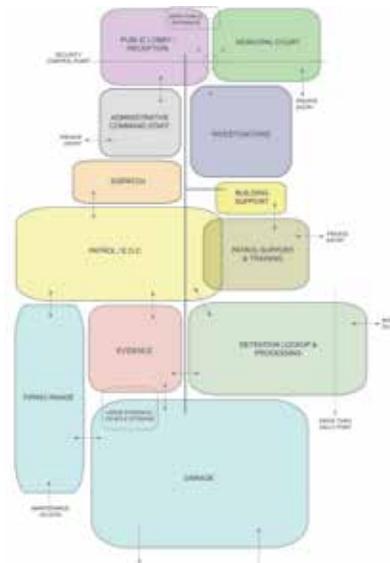
This on site design charette typically takes two days. The first day numerous preliminary layouts are reviewed and narrowed down to the top 2-3 choices. Day two involves detailed conversations on the advantages and disadvantages of the final 2-3 layouts with the end result being either 1 or 2 layouts being selected for further exploration.

Deliverables

- Conceptual floor and site diagrams that indicate major circulation paths, site restrictions, department locations, major building entrances, etc.
- Test fit diagrams showing preliminary building layouts on proposed new sites or as additions to existing buildings
- Preliminary construction and project cost / budget

Conceptual Floor Plans, Site Plans and Cost Analysis

This will be the first opportunity for the owner and design team to begin visualizing refined floor plans and experiencing how the building will function. The main objective of this phase is to confirm the space needs, generate conceptual floor and site plans, and establish preliminary cost estimates for the options being considered.



APPROACH

3

Design Development

Conceptual Floor Plans, Site Plans & Cost Analysis

Goals

- Confirm the findings of the program verification phase through plan development
- Establish green/sustainable design/LEED goals for the proposed project as they may impact site plan, floor plan and budget development
- Develop conceptual floor plans that respond to the proposed site and give sufficient detail for the owner to clearly understand how the building will function
- Generate conceptual site plans that identify ingress and egress locations, parking and drives, setback requirements, environmental features, public spaces, etc.
- Prepare conceptual cost estimates for the option or options being recommended for community input

Process

As with the schematic design work completed in phase two, the design development phase relies heavily upon owner input and critical analysis of the floor and site plans.

Typically the design development phase takes two or three work sessions with a similar number of conference calls and/or online design meetings.

The key to a successful design development effort is for all parties to analyze the options based on how processes will be enhanced by the new buildings, not how those processes are undertaken today.

Deliverables

- Refined site and floor plan(s)
- Preliminary architectural and building system descriptions
- Major building and/or site sections that are required to understand the proposed building and/or site
- Detailed construction and project cost/budget

Conceptual Floor Plans, Site Plans and Cost Analysis

This will be the first opportunity for the owner and design team to begin visualizing refined floor plans and experiencing how the building will function. The main objective of this phase is to confirm the space needs, generate conceptual floor and site plans, and establish preliminary cost estimates for the options being considered.



APPROACH

4 Community Input Workshop

Goals

- Provide community members with structured opportunities to provide input into the planning and design process
- Establish both passive and active communication strategies to gain a broader cross section of feedback
- Provide elected officials with the findings of the community input / work session(s) so they can decide how to proceed with the building projects knowing that the greater community has had an opportunity to participate
- Develop a structure that engages community members prior to the final design being fully established

Process

Bray Architects' 50 years of public sector planning and design experience has provided us with an understanding and great appreciation for the engagement of the community and taxpayers in open dialogue regarding facility needs and proposed solutions.

Effective communication with the community involves a comprehensive plan developed early in the planning and design process that includes both passive and active strategies.

One of the most effective, and widely used, strategies for soliciting public input is the use of public forums or workshops. In these sessions the primary decision makers (owner, department heads, Bray Architects, engineers, construction professionals, and public finance staff) experience first hand the thoughts, comments, concerns and questions that are at the forefront for the community.

Deliverables

- Meeting minutes and sign in sheets from community open houses
- Video documentation of open houses and/or listening sessions

Community Listening Session Open House Style Events

The structure for the open house events is critical to their success. The traditional approach is to make a formal presentation and follow that with a question and answer session. Bray Architects has successfully implemented an open house style event that provides better opportunity for open dialogue and input without the lecture-type atmosphere.

The open house is a one to two hour event in which community members are invited to stay for 5 minutes or the full two hours. Tables or stations are set up for the owner, financial representative, and Bray Architects.



APPROACH

5 Construction Documents | Drawings & Specifications

Goals

- Generate a complete set of drawings and specifications that outline in detail the size, quality and construction type desired by the owner
- Coordinate detailed design efforts of structural, plumbing, HVAC and electrical engineers to limit/eliminate gray areas in the final documents
- Meet regularly with the owner's design team to coordinate details related to the final design
- Develop interior design concepts including materials and colors and refine throughout the construction documents phase

Process

During this phase the efforts produced during schematic design and design development are refined and incorporated into a final set of documents sufficient in detail to bid the project for construction. These documents will be prepared in accordance with local and state building code requirements.

Numerous coordination meetings are held with the owner, engineers, and Bray Architects to make sure all of the highly specialized plumbing, HVAC and electrical needs are provided in the location and the quantity necessary.

Deliverables

- Specifications including bidding requirements
- Drawings and details clearly defining how the building will be constructed
- Interior materials/color boards
- Computer generated renderings of prominent exterior and interior spaces
- Detailed construction and project cost/budget

Quality Control of Construction Documents

The quality of the documents will be constantly monitored with formal reviews held at mutually agreed upon milestones throughout this phase. At a minimum, a 90% review set is completed - allowing the design team, owner, and other interested parties an opportunity to thoroughly review and coordinate the documents prior to their release for bid and subsequent construction.




bray architects
solid foundation. forward thinking.

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Project/Division:
2964

What's New?
February 8, 2010

Project Manual
Book 3 of 3

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071000	GLASS CURTAIN WALL	02/08/10
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091000	MECHANICAL	02/08/10
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111000	TELECOMMUNICATIONS	02/08/10
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211000	MECHANICAL	02/08/10
221000	ELECTRICAL	02/08/10
231000	TELECOMMUNICATIONS	02/08/10
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991000	TELECOMMUNICATIONS	02/08/10
1001000	FINISHES	02/08/10

APPROACH

6 Bidding & Award

Goals

- Conduct a pre-bid conference with prospective bidders to help familiarize them with the sites and the proposed buildings
- Receive, document and respond to questions from prospective bidders
- Prepare and distribute addenda as necessary
- Assist in the opening and evaluation of bids
- Work closely with the owner's legal counsel to ensure any legal requirements are properly addressed in both the advertisement for bids and in the eventual contract to be entered in to

Process

The bidding phase tends to be relatively quiet for the owner. It is typically a one month period after the decision making process undertaken during design is completed and before the day-to-day interaction during construction begins.

The Bray team will assist the owner in the bidding and contract negotiation phase and will provide representation at pre-bid meeting(s), provide drawing clarifications, and bid analysis.

The final bids received are evaluated, summarized and presented to the City Council along with a recommendation for award.

Deliverables

- Addenda as necessary
- Bid tabulation summarizing all bids received
- Recommendation of apparent low bidder

Final Opportunity to Make Changes

The bidding phase is the final opportunity for the owner and the design team to make any minor changes to the design that will not require a change order.

The Bray bidding process includes a final design/coordination meeting at which the design team, including engineers, present their final plans to the owner. The objective of this meeting is for the owner to address any last minute changes that will be required so that they can be included when bids are received.

VILLAGE OF MOUNT PLEASANT
NEW VILLAGE HALL AND POLICE STATION
MOUNT PLEASANT, WISCONSIN
PROJECT NO. 2064

Bray Associates Architects, Inc.
Milwaukee, Wisconsin

Monday | April 12, 2010 / Revised May 7, 2010




BID TABULATION

General Contractor	Base Bid	Owner Direct Purchases	Base Bid + Owner Direct Purchases	Alt. Bid 1 Firing Range	Alt. Bid 2 Police Lockers	Alt. Bid 3 PLAM in lieu of Solid Surface	Alt. Bid 4 PLAM in lieu of Solid Surface	Alt. Bid 5 Secondary Generator	Alt. Bid 6 Ballast Lighting of Street	Alt. Bid 7 Snow Melt System	Alt. Bid 8 Additional Landscaping	Alt. Bid 9 Fire Protection Street CUP
	not applicable	not applicable	not applicable	Accept	Accept	Accept	Accept	Accept	Accept	Accept	Accept	Accept
Man Construction Co.	\$ 8,367,261.00	\$ 0	\$ 8,367,261.00	\$ 10,179,413.00	\$ 239,132.00	\$ (11,477.00)	\$ (11,477.00)	\$ (21,244.00)	\$ (7,813.00)	\$ (17,700.00)	\$ (10,123.00)	\$ 849,000.00
J.P. Cullen & Sons, Inc.	\$ 5,996,623.00	\$ 4,226,000.00	\$ 10,222,623.00	\$ 2,241,177.00	\$ (16,864.00)	\$ (10,111.00)	\$ (13,546.00)	\$ (7,800.00)	\$ (19,700.00)	\$ (10,750.00)	\$ 8,531.00	\$ (10,000.00)
J.H. Finckhoff & Sons	\$ 6,481,900.00	\$ 4,001,000.00	\$ 10,482,900.00	\$ 248,000.00	\$ (15,000.00)	\$ (12,000.00)	\$ (17,000.00)	\$ (7,500.00)	\$ (13,000.00)	\$ (7,000.00)	\$ 2,000.00	\$ (13,000.00)
Tro-North Builders	\$ 6,568,000.00	\$ 1,530,000.00	\$ 8,098,000.00	\$ 248,000.00	\$ (12,000.00)	\$ (12,000.00)	\$ (10,000.00)	\$ (7,500.00)	\$ (13,000.00)	\$ (7,000.00)	\$ 9,000.00	\$ (12,000.00)
Hammer Construction	\$ 6,590,000.00	\$ 3,539,000.00	\$ 10,129,000.00	\$ 238,000.00	\$ (13,500.00)	\$ (10,000.00)	\$ (10,000.00)	\$ (10,000.00)	\$ (10,000.00)	\$ (10,000.00)	\$ 3,000.00	\$ (14,500.00)
Reyer Construction	\$ 6,875,000.00	\$ 3,900,000.00	\$ 10,775,000.00	\$ 242,000.00	\$ (13,000.00)	\$ (12,000.00)	\$ (20,000.00)	\$ (7,500.00)	\$ (13,000.00)	\$ (10,000.00)	\$ 7,000.00	\$ (13,000.00)
Seifer-Olsen Co.	\$ 7,050,000.00	\$ 3,000,000.00	\$ 10,050,000.00	\$ 255,000.00	\$ (17,000.00)	\$ (13,000.00)	\$ (10,000.00)	\$ (7,500.00)	\$ (10,000.00)	\$ (10,000.00)	\$ 9,000.00	\$ (10,000.00)
Truch Construction Corp.	\$ 6,688,993.00	\$ 4,460,276.00	\$ 11,149,269.00	\$ 290,660.00	\$ (19,854.00)	\$ (22,277.00)	\$ (27,550.00)	\$ (4,544.00)	\$ (7,750.00)	\$ (10,997.00)	\$ 6,106.00	\$ (12,000.00)

General Contractor	Alt. Bid 10 Fire Protection Storage A12/A	Alt. Bid 11 Campus Entry Sign	Alt. Bid 12 Sub-Entry Sign	Alt. Bid 13 Parking Lot 11 Sign	Alt. Bid 14 Parking Lot 25 Sign	Alt. Bid 15 Parking Lot Southern Sign	Alt. Bid 16 Fitted Metal on Entrance Glazing	Alt. Bid 17 High Density Storage	Alt. Bid 18 High Speed Cable Drive	Alt. Bid 19 Insurance	Total	Variance From Low Bidder
	Accept	Accept	Accept	Accept	Accept	Accept	Accept	Accept	Accept	Accept		
Man Construction Co.	\$ 0	\$ 23,544.00	\$ 11,427.00	\$ (11,000.00)	\$ (17,265.00)	\$ (18,000.00)	\$ (18,000.00)	\$ (28,391.00)	\$ (29,843.00)	\$ 0	\$ 10,266,462.00	\$ 0
J.P. Cullen & Sons, Inc.	\$ 0	\$ 29,455.00	\$ 40,074.00	\$ (13,139.00)	\$ (13,821.00)	\$ (14,450.00)	\$ (9,431.00)	\$ (26,370.00)	\$ (28,386.00)	\$ 8,400.00	\$ 10,342,462.00	\$ 76,200.00
J.H. Finckhoff & Sons	\$ 0	\$ 19,000.00	\$ 21,000.00	\$ (10,000.00)	\$ (10,000.00)	\$ (10,000.00)	\$ (11,000.00)	\$ (26,000.00)	\$ (20,000.00)	\$ 0	\$ 10,560,000.00	\$ 293,338.00
Tro-North Builders	\$ 0	\$ 29,400.00	\$ 13,000.00	\$ (13,000.00)	\$ (15,400.00)	\$ (14,000.00)	\$ (9,000.00)	\$ (26,500.00)	\$ (27,000.00)	\$ 0	\$ 10,629,000.00	\$ 361,538.00
Hammer Construction	\$ 0	\$ 22,500.00	\$ 23,000.00	\$ (16,000.00)	\$ (18,000.00)	\$ (18,000.00)	\$ (11,000.00)	\$ (47,000.00)	\$ (28,000.00)	\$ 0	\$ 10,670,000.00	\$ 401,538.00
Reyer Construction	\$ 0	\$ 36,000.00	\$ 30,000.00	\$ (10,000.00)	\$ (11,500.00)	\$ (12,000.00)	\$ (12,000.00)	\$ (26,000.00)	\$ (28,000.00)	\$ 0	\$ 11,045,000.00	\$ 778,238.00
Seifer-Olsen Co.	\$ 0	\$ 23,000.00	\$ 17,000.00	\$ (15,000.00)	\$ (17,000.00)	\$ (16,000.00)	\$ (16,000.00)	\$ (27,000.00)	\$ (25,000.00)	\$ 9,000.00	\$ 11,073,000.00	\$ 806,538.00
Truch Construction Corp.	\$ 0	\$ 12,511.00	\$ 11,011.00	\$ (10,237.00)	\$ (10,238.00)	\$ (10,829.00)	\$ (10,442.00)	\$ (46,152.00)	\$ (24,282.00)	\$ 2,200.00	\$ 11,294,495.00	\$ 1,027,833.00

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APPROACH

7 Construction & Closeout

Goals

- Promptly process contractor-submitted shop drawings in order to keep the project on schedule
- Review ongoing construction activities to ensure compliance with construction documents
- Review and approve any changes to the project that are initiated from the contractor(s)
- Provide regular updates to the owner as the ongoing construction efforts including adherence to budget and schedule
- Ensure that the owner gets the quality building they deserve

Process

This phase would include participation in preconstruction and regular onsite construction meetings. In addition, project closeout activities will be led by the Bray team to ensure a smooth transition from construction to occupancy.

The on-site construction administration phase for this project will be performed by a member of the design team in order to ensure that decisions made during the design phase are not lost or ignored in the field.

Deliverables

- Responses to requests for information
- A log of shop drawings and other submittals
- Report documenting final building inspection with owner and contractor
- Prepare punch list and verify contractor correction of items
- 11 month follow up report to ensure any outstanding issues are resolved within the 1 year warranty period

Ongoing Approach to Project Closeout

One of the most challenging phases of any project is closeout. Too often members of the team have moved on to their next project without fully completing all of the requirements of the current job.

To help streamline the closeout process Bray Architects has developed a closeout checklist that we distribute at the kick-off meeting - not when the job is completed. This checklist is revisited on a monthly basis with members of the construction team.

This ongoing closeout review process has greatly improved our ability to close jobs out in a timely manner.

PROJECT COMPLETION FINAL CLOSE-OUT CHECKLIST		DATE
PROJECT: Delavan Fire Station PROJECT NO.: 2005 OWNER: City of Delavan ARCHITECT: Bray Associates Architects, Inc. CONTRACTOR: Harmony		
REQUIRED DOCUMENTATION		DATE
Certificate of Substantial Completion - AIA 0724		11/15/2011
Notice of Product/Material Data Sheet/SDM Submittal Statement		
Keys to Owner		
Owner's Manual		
Operations & Maintenance Manuals (Approved by A/E)		
To include mechanical/electrical/plumbing (where applicable) shop drawings		
Water Permit from DVAZ Contractor		
Final Approved Plans		
Compliance Statement - BSI 0720		11/29/2011
Return, Signed Punch List		
All Change Orders Fully Processed		
Affidavit		
All Final Drawings/Record Documents		
Consent of Surety		
Final Fire Alarm / Statement Certificate		
Focus on Energy Requirements		
Final User Manual		
OWNER IN-SERVICE		DATE
Acoustic Partitions		
Accession Partitions		
Floor Maintenance (All Types: Wood, VT, carpet, rubber and monolithic, terrazzo, resinous)		
Support Cabinet Doors		
Clothing Doors (Fire, counter, service doors)		
Evidence Lockers		
Acoustical Seal		
Loading Dock Equipment		
Projection Screens		
High Density Storage Shelving		
Laboratory Equipment and Fume Hoods		
Entrance Mats (Removable)		
Fire Suppression System		
Humidity System		
Heating, Ventilation and Air Conditioning System		
Emergency generator		
Fire Alarm (Smoke Detection)		
Sound System		
Communications System		
Safety and Security System		
Interior Abrasive Flooring		
Monolithic Abrasive Flooring		
Carpet Flooring		
Terrazzo (Spill)		



8 | Fee Proposal

FEE PROPOSAL

Thank you for the opportunity to submit Bray Architects' proposal for architectural services for the Village of Brown Deer Department of Public Works Facility.

Bray Architects' goal when submitting a fee proposal to a potential client is to be very clear with which services and consultants are included. Our objective with this thorough approach is three-fold:

1. First, to make sure that you are getting exactly which services you expect;
2. Second, to ensure that when comparing our fees to others you are able to draw an accurate comparison; and
3. Third, to help ensure a design process that is not complicated by constant debate over who is responsible for specific services or regular requests from your architect for additional services.

Fee Proposal

Bray Architects proposes a fixed fee equal to One Hundred Ninety Seven Thousand Five Hundred Dollars (\$197,500.00).

Consultant / Sub-Consultant Services

The proposed fee includes the following services:

- Civil engineering
- Stormwater management design
- Landscape architecture
- Land surveying
- Structural engineering
- Plumbing and fire protection design
- HVAC engineering
- Electrical engineering
- Technology wiring design
- Security system design – e.g. card readers, closed circuit television, etc.

Reimbursable Expenses

Reimbursable expenses are in addition to compensation for the Architect's services and include expenses incurred by the Architect and Architect's employees and consultants directly related to the Project.

We do not invoice for the following traditionally reimbursable expenses:

- Transportation in connection with the Project
- Travel and subsistence
- Electronic communications
- Expense of overtime work requiring higher than regular rates

Reimbursable expenses incurred include the following:

- Reproductions, plots, standard form documents
- Postage, handling and delivery of Instruments of Service

FEE PROPOSAL

Direct Owner Expenses

Project expenses that are incurred directly by the Owner include the following:

- Fees paid for securing approval of authorities having jurisdiction over the Project
- Soil borings and other geotechnical services
- Traffic impact studies (if required)
- Environmental analysis and abatement – e.g. contaminated soils, buried tank, asbestos, lead etc.
- Archeological and/or historical studies
- Services associated with building commissioning
- Municipality, utility and other impact fees

Optional / Enhanced Services

The following are not included in Bray Architects' base fee proposal but can be provided if requested by the Village of Brown Deer:

- Design, specification, inventory of existing, and/or selection of furnishings and loose equipment - e.g. systems office furniture, library shelving/furniture, etc
- Design of public roadways, streets, intersections or traffic signals (design of private/on-site circulation is included in base fee)
- Leadership in Energy and Environmental Design (LEED) documentation to include registration of the project and all documentation associated with the building portion of the required LEED submittal
- Basic or enhanced building commissioning services as required by LEED
- Geothermal conductivity analysis and/or design of geothermal HVAC system and associated ground source – e.g. borefield or pond
- Digital building energy modeling beyond basic analysis required to meet requirements of agencies having jurisdiction over the project
- Design of non-conventional/deep foundations systems – e.g. pilings, caissons, aggregate piers, structural slab on grade, etc.

Hourly Rates

Principal in Charge	\$ 140.00
Design Architect	\$ 125.00
Architect	\$ 95.00
Project Manager	\$ 95.00
Construction Administration Representative	\$ 95.00
Project CADD Team Leader	\$ 75.00
Registered Interior Designer	\$ 65.00
Junior Interior Designer	\$ 45.00
Graphic Designer	\$ 45.00
Support/Clerical	\$ 35.00





ARCHITECTURAL SERVICES PROPOSAL

VILLAGE OF BROWN DEER NEW DEPARTMENT OF PUBLIC WORKS FACILITY

PROPOSAL ADDRESSED TO

Matthew Maederer, PE
Director of Public Works / Village Engineer
4800 West Green Brook Drive
Brown Deer, Wisconsin 53223

E mmaederer@browndeerwi.org
P 414-371-3021

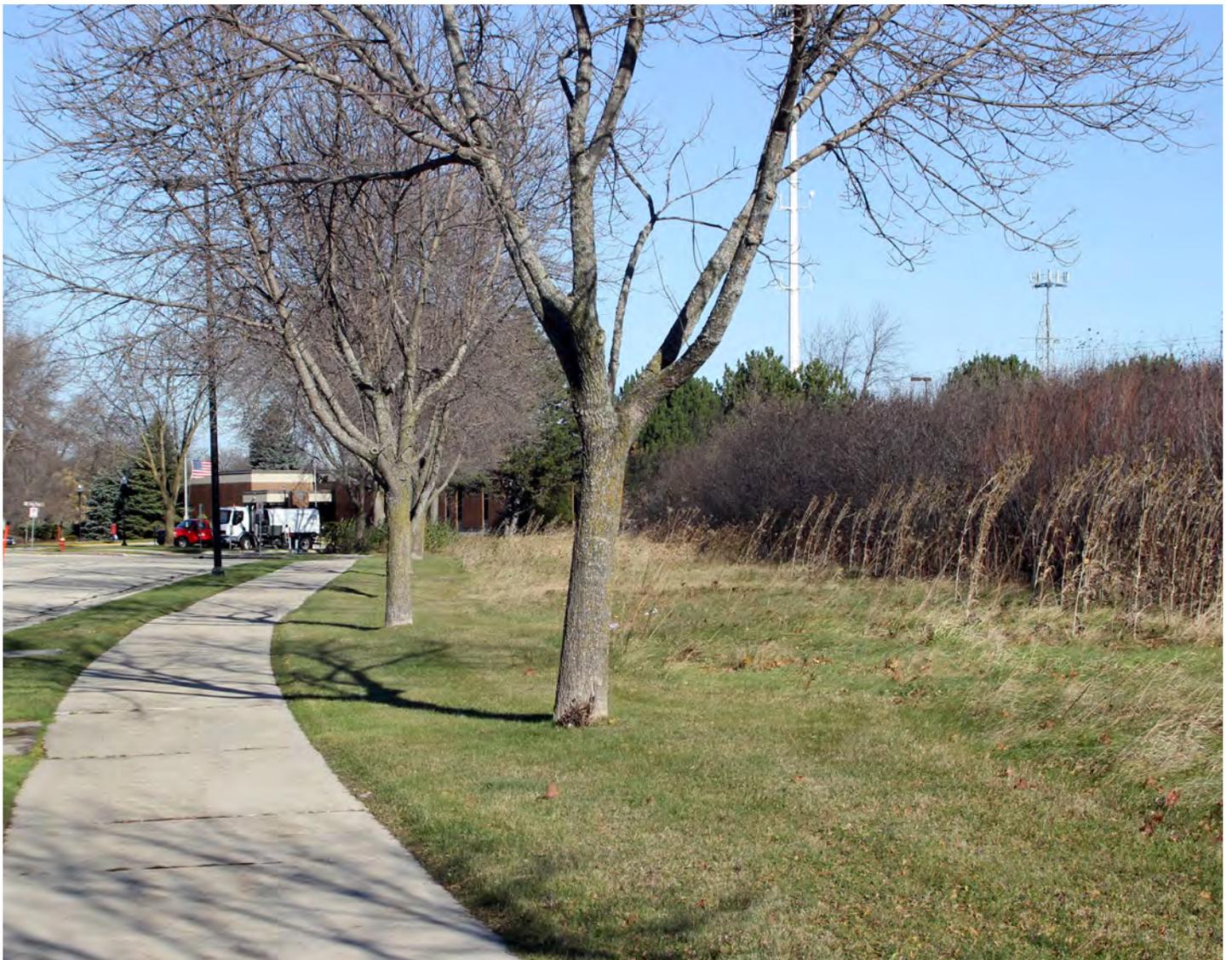
ARC-INT PROPOSAL CONTACT

Ryan Thacker, AIA
Principal - ARC-INT Architecture
3618 West Pierce Street
Milwaukee, Wisconsin 53215

E ryan@arcint-architecture.com
P 414-526-7359

PROPOSAL DUE DATE

Friday, November 20, 2015
12:00 pm CST





Monday, November 9, 2015

Matthew Maederer, PE
Director of Public Works / Village Engineer
4800 W. Green Brook Drive
Brown Deer, Wisconsin 53223
E mmaederer@browndeerwi.org
P 414-371-3021

Dear Mr. Maederer and Selection Committee,

We sincerely thank you for the opportunity to submit our qualifications and fee proposal for Architectural and Engineering services for the design of a new Village of Brown Deer Department of Public Works Facility. ARC-INT Architecture and our team of engineering consultants have a high level of interest in the project and possess the necessary experience to guide the project through to completion. With a commitment to providing tailor-fit design solutions, effective project management, and budget conscious design decisions, our team has the proven experience necessary to help you create a lasting legacy of efficient operation.

Principal-in-Charge for ARC-INT Architecture Ryan Thacker, spent more than seven years serving as the lead designer and senior project manager for numerous department of public works facilities and highway maintenance facility projects while working for another local design firm. Since co-founding ARC-INT Architecture, Ryan has successfully applied this experience to our growing list of clients. ARC-INT Architecture has worked directly with several public works departments including Shorewood and Wauwatosa as well several private-sector industrial clients.

We believe that our design team is distinguished from our competitors by a combination of several key factors:

1. The ARC-INT Architecture design team possess valuable experience planning similar facilities. In addition to Ryan's years of experience, our consultant team has worked closely with both Ryan and Edward on numerous past projects including public and private-sector work of varying scales. We have a real-world, pragmatic approach and understanding of the challenges that face public agencies in the era of tight budgets and lean staffing.
2. As construction costs continue to show a high-degree of volatility, ARC-INT Architecture works with cost-estimating experts to reduce the level of risk for clients at bid time. We also find that this service gives us the ability to quickly and accurately evaluate design options during the schematic design phase of the project. We are able to consider multiple building layouts and construction methods while balancing budget considerations in real-time.
3. Our client interaction philosophy is characterized by effective project management, full design team collaboration, and open channels of communication between all stakeholders and team members.
4. Finally, our research-driven design methodology helps us and our clients to make highly-defensible and informed decisions that are based on a common sense understanding of project parameters and constraints. We prefer to view these constraints as potential opportunities that inform the design process and help to shape the project into a reflection of our client's desires. We are particularly skilled at winning public support for our design decisions.
5. We believe that sustainability and cost effectiveness are not mutually exclusive. During the course of the project we are constantly looking for opportunities to incorporate sustainable design solutions into our work. We are genuinely interested in ecological perspectives and understand that for these principals to work in the real-world, they need to deliver tangible results while working within the budget.



6. We reject the tendency of design firms to apply pre-conceived design solutions to specific design problems. ARC-INT Architecture understands that each client (and community) have unique requirements that require a unique design approach. Speaking to your desire to work with a design firm that can “think outside the box,” our proposal outlines our unique approach to this principal that we call “stretching the box.”

Having grown-up in Brown Deer (through high school), I am especially interested in providing the Village of Brown Deer DPW with a high-performance facility that supports efficient operation while maintaining a timeless aesthetic that complements the existing Village Hall and sets a high-standard for your civic campus concept. In addition, our Civil Engineer Chip Leedom from The Sigma Group is a current Brown Deer resident.

We look forward to providing the Village of Brown Deer with the high level of quality professional services that we have built our reputation on. Again, we appreciate the opportunity submit this proposal. Please feel free to contact me at any time with questions.

Sincerely,

Ryan Thacker
Principal



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SECTION 1 FIRM PROFILE



FIRM PROFILE



Our office is located in a former industrial building on the south edge of the Menomonee Valley. As a part of the Layton Boulevard West Neighborhood, we advocate for vibrant communities that balance pedestrian and bicycle modes of transportation with vehicular transportation.

ARC-INT Architecture is a Milwaukee based architecture and design studio that is dedicated to enhancing our local environment, while exploring how contemporary life evolves and changes our experience. Originally founded in 2004, our practice is focused on compelling work that is informed by circumstance, craftsmanship, and community context.

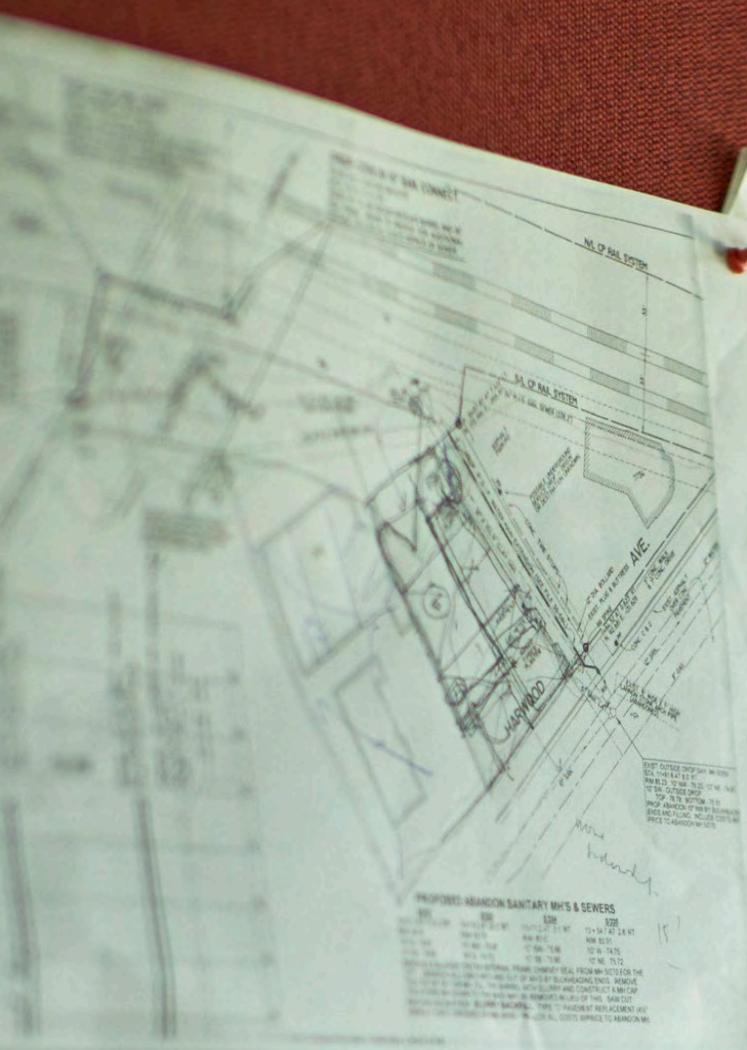
Pragmatic and research-driven design yields social, economic and ecological outcomes that connect people to places and evoke a quiet, emotional response. We subscribe to a holistic design approach that is deeply responsive to our client's needs and desires. Through collaboration, we strive to create spaces that are rich in ambiance and bear the imprint of the individuals involved in their creation. Our primary objective is to utilize our experience and professional expertise to generate design solutions that are sensitive to the parameters of our client's program, and the realities of current market conditions.

The name ARC-INT is a contraction of the words *Architectural-Intelligence*. Through careful analysis of project constraints and parameters, we provide our clients with the information necessary to make highly-principled and defensible decisions. Working closely with engineers, market analysts, economists, construction experts, cost-estimators, and urban planners, our design process helps to remove unnecessary risk from our client's portfolio.

ARC-INT Architecture is focused on commercial, community, educational, health-care, housing, industrial-transportation, and ecclesiastical project types.

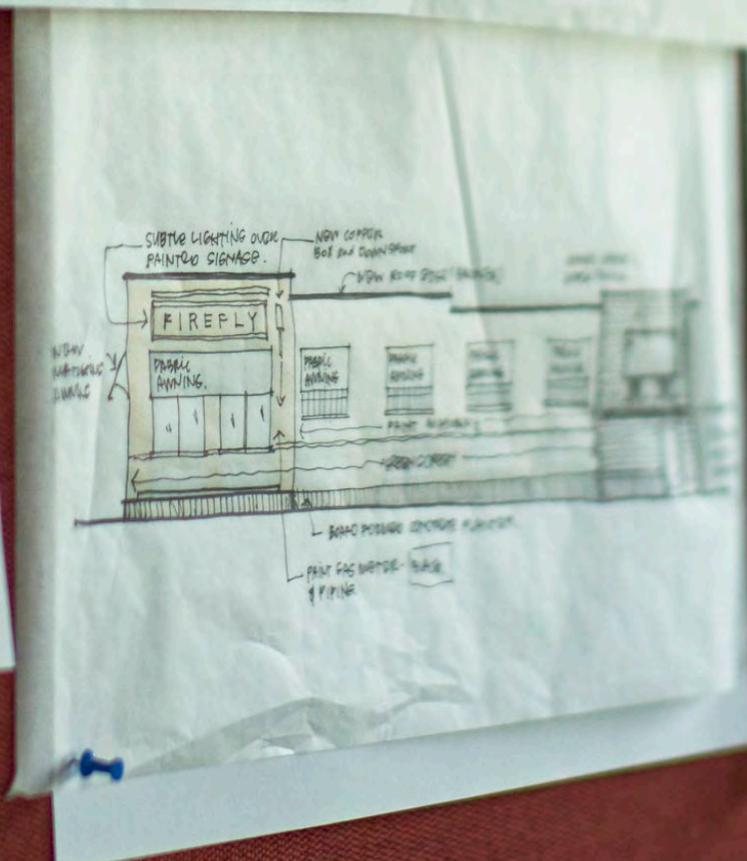
BUSINESS PROFILE

Business Name: ARCINT, LLC, d/b/a ARC-INT ARCHITECTURE.
Type of Business: Limited Liability Corporation, State of Wisconsin.
Partners: Edward Haydin and Ryan Thacker.
Professional Liability Insurance: \$1 Million.



PROPOSED ABANDON SANITARY MHS & SEWERS

1. ALL EXISTING SANITARY MANHOLES AND SEWERS TO BE REMOVED AND THE OPENINGS TO BE RECONSTRUCTED WITH CONCRETE SLABS. REMOVE ALL EXISTING SANITARY MANHOLES AND SEWERS TO BE REMOVED AND THE OPENINGS TO BE RECONSTRUCTED WITH CONCRETE SLABS. REMOVE ALL EXISTING SANITARY MANHOLES AND SEWERS TO BE REMOVED AND THE OPENINGS TO BE RECONSTRUCTED WITH CONCRETE SLABS.





RANGE OF PROFESSIONAL SERVICES

ARC-INT Architecture offices a wide variety of professional planning and design services to suit the diverse needs of our clients. In addition to typical Basic Architectural Services, we offer a number of Pre-Design services to evaluate the feasibility of a potential project and view the “big picture.” We also offer a suite of Supplemental Services that range from visualization and renderings to various other consulting services.

PRE-DESIGN SERVICES

- Feasibility Studies
- Code and Accessibility Compliance Analysis
- Existing Facility Evaluation
- Master planning
- Programming
- Site Analysis and Evaluation
- Space Planning

BASIC SERVICES

- Building Design (New Construction, Additions, and Alterations)
- Construction Documentation
- Construction Administration
- Detailed Cost Estimating
- Interior Design
- Project Management
- Sustainable Building Design
- Tenant Improvement Design

SUPPLEMENTAL SERVICES

- Building Envelope Consulting
- Construction Procurement Assistance
- Environmental Graphic Design and Signage
- Furniture, Furnishings and Equipment Services / FFE Design
- Owner’s Representation
- Post-Occupancy Evaluation
- Renderings and Visualization
- Zoning Process Assistance



PROJECT TEAM

We have assembled a project team of professional engineers and designers to execute the work outlined in your RFP document. The selection of this team was based on past experience with similar projects, past working relationship with ARC-INT Architecture and schedule availability to complete the work in a timely fashion. All of the team members are leaders in their industry and are known for a high degree of quality work.



ARC-INT ARCHITECTURE
ARCHITECTURAL DESIGN
INTERIOR DESIGN
PLANNING



MOORE CONSTRUCTION SERVICES
COST ESTIMATING
CONSTRUCTION CONSULTING



THE SIGMA GROUP
CIVIL ENGINEERING
SURVEY



NEW EDEN LANDSCAPING
LANDSCAPE DESIGN



SPIRE ENGINEERING
STRUCUTRAL ENGINEERING



THE MATRIX GROUP
PLUMBING, HVAC, AND
ELECTRICAL ENGINEERING

The Sigma Group, Inc.



The Sigma Group, Inc. is a full-service consulting engineering firm consisting of engineers, scientists, technicians, certified professionals and support staff providing infrastructure, civil, site engineering, environmental, health and safety, construction management and owner's representative services within the public and private sector.

In 2003, Sigma chose to redevelop a brownfield site as its headquarters in Milwaukee's historical industrialized Menomonee Valley to showcase its commitment to sustainable practices, both as an organization and as a service provider.

Sigma's primary function is to help Clients manage their costs for development, redevelopment, operations and facility improvements as well as manage environmental, health and safety aspects of their business. Our diverse range of services, expertise and can-do attitude enable our clients to achieve a successful balance between today's challenges and the long-term need to preserve important resources. Sigma brings a common-sense and fiscally responsible approach to create sustainable solutions to client challenges. Sigma's methodologies help clients promote a positive image in the community, with the government and in the marketplace.

Our Milwaukee-based staff of 65 includes registered professional engineers in civil, mechanical, structural, environmental and chemical disciplines; registered land surveyors; construction inspectors; certified asbestos supervisors/inspectors; certified lead inspectors/risk assessors; Certified Hazardous Materials Managers, professional geologists and hydrogeologists, as well as additional engineering technicians, scientists and compliance specialists.

Sigma is recognized as an innovator in sustainable design and business practices, as well as an expert on the LEED rating system. You will find us a reliable partner for engineering solutions for infrastructure and site improvements, environmental restoration, manufacturing processes and site and facility development.

The Sigma Group, Inc.
1300 West Canal Street
Milwaukee, WI 53233
(414) 643-4200
www.thesigmagroup.com

Contact
James B. Leedom, P.E., LEED A.P.
Sr. Project Manager
(414) 643-4200 (414) 217-3333
jleedom@thesigmagroup.com

Land & Construction Surveying

- Topographic and utility design surveys
- ALTA/ACSM Land Title surveys
- Certified Survey Maps
- Boundary surveys/Survey Plats
- Easement documents
- GIS mapping
- Construction staking
- As-built surveys

Site Civil Engineering

- Facility planning
- Site due diligence reviews
- Facility layouts
- Site preparation/demolition
- Grading/drainage plans
- Paving plans
- Utility design and plans
- Waterway permitting
- Floodplain evaluation/permitting
- Wetland permitting
- Storm water management planning/design
- UST/fueling systems

Storm Water Management

- Best Management Practices (BMP) evaluation/design
- Collection/conveyance systems; Detention/retention systems; infiltration systems; bio-retention systems; pervious pavement systems
- Hydrologic and hydraulic modeling
- Storm water quality modeling
- Maintenance plan development and implementation
- Storm water permitting
- Storm Water Pollution Prevision Plans (SWPPP), construction and industrial

Highway Design Services

- Inspection contract administration and compliance monitoring, staging, traffic control, cost estimating, signing and working
- Road designs and specifications consistent with Federal and State DOT procedures
- Designs for ancillary utilities, drainage, land acquisition and lighting elements

Construction Management

- Continuous construction observation
- Daily reports and progress/quantity documentation
- Conduct pre-construction and weekly progress meetings
- Utility coordination and public progress updates
- Review and monitor erosion control practices
- Review and monitor traffic control and staging areas for construction worker safety
- Monitor traffic flow of traveling public through work zones
- Review project submittals and shop drawings for conformance to plans and specifications



- Review material certifications and inspections
- Review contractor payment applications
- Review project as-built documentation and project closeout

Construction Material Sampling / Testing

- Aggregate sampling
- Compaction
- Concrete testing
- Grading
- Hot mix asphalt
- QA/QC assurance sampling and testing on site development, building and local roads and highways
- Verifications to contract specifications

Land Conservation Services

- Chapter 30/NR 216 Permitting
- Invasive species
- Permitting for work in waterways & wetlands: grading, stream crossings, placement of structures, temporary conditions
- Restoration
- Soil science
- Threatened or endangered species
- Tree survey site analysis and engineering
- Wetland delineation

Environmental Services

- Air emissions management
- Emergency response
- Environmental compliance audits
- Environmental health and safety program management/training
- Environmental site assessments
- Flow studies
- Groundwater monitoring
- Hazardous waste management
- Hydrogeological assessments
- Sewer system evaluation/televising
- Spill management
- Storm water management planning and implementation
- Transportation-related requiring environmental site assessments
- Waste water monitoring and treatment
- Wetland delineation

Industrial Hygiene Services

- Asbestos and lead management
- Clearance monitoring/testing
- Exposure determination
- Indoor air quality
- Mold evaluation and remediation management
- MSDS information management, training and recordkeeping
- Noise and vibration assessments



FIRM

Moore Construction Services, LLC
W146 N5805 Enterprise Avenue
Menomonee Falls, WI 53051
262-345-1280
www.moore-cs.com

ORGANIZATION

Established in 2007.
Professional Construction Management
Services under Wisconsin Building
Contractor Registration #1106821

CONTACT OFFICE

Mike Moore	President and Project Executive
Austin Moore	Project Manager, LEED AP
Mike Moennig	Estimator/Project Manager
Dan Fischer	Project Superintendent
Doug Strobusch	Project Superintendent
Patrick Schiel	Assistant Superintendent
Joyce Tomkowiak	Project Coordinator
Kris Knudson	Controller
Rachel Moore	Marketing



COMPANY DESCRIPTION

Moore Construction Services was founded by Mike Moore in 2007. After cofounding another construction firm in 1985, Mike formed Moore Construction Services to *Positively Impact Lives* predicated on our core values of **Commitment, Reliability and Results.**

Mike's 30 years of experience gives him in-depth knowledge of the entire construction process, from preliminary budgeting to project close out. Mike has personally estimated and managed \$300 million of Educational, Financial, Commercial, Healthcare, Institutional and Industrial projects.

Moore Construction Services uses a **partnership approach** to each project. This partnership approach enables us to positively impact the lives of our customers, consultants, subcontractors and our employees.

Project success is obtained through the cooperation of a team of professionals. We develop relationships with our clients (the owners), architects, engineers and subcontractors. As a result, we select professionals who we know will provide the best products and workmanship and will complete the project on time and within budget. These partners share the desire to make a positive impact and meet our clients' expectations.

This partnership approach best serves the owner in navigating through the complex and sometimes overwhelming process of a construction project.

Moore Construction Services has the experience, knowledge and company philosophy necessary to lead the process and the project to meet expectations.

Positively Impacting Lives

SUITE OF SERVICES

CONSTRUCTION MANAGEMENT

GENERAL CONSTRUCTION

DESIGN/BUILD

PRE-CONSTRUCTION

Select architect, structural, mechanical and civil engineer
Early collaboration with design team
Constructability review
Scope definition
Cost estimating

Preliminary budgeting
Project schedule development
City planning or architectural control board meetings
Value engineering and value cost analysis
Final project budgeting

PROJECT MANAGEMENT

SUBCONTRACTORS

Subcontractor qualification
Site walk-throughs
Bid procurement
Scope and bid review
Contract management
Change order management
Submittal oversight

SCHEDULE

Development
Phasing management
Adherence enforcement
Updates

PROJECT COST ACCOUNTING

Contractor and supplier pay request review
Owner direct purchasing (if applicable)
Applications for payment

COMMUNICATIONS

Progress reports
Submittal and shop drawing coordination
Coordination meetings
Project documentation
Document distribution

SAFETY

Guide project safety
Compliance oversight
Site staging
Traffic control
Signage

QUALITY ASSURANCE

Initiate and ensure partnership among project team
Provide site supervision
Demand adherence to MCS's high standards

PROJECT CLOSE-OUT

As-built drawing compilation
Punch list development & completion
Occupancy certification
Contractor warranty issuance
Operation & maintenance manual
Commissioning

ADDITIONAL PROFESSIONAL SERVICES

Pre-referendum services
Feasibility studies
Value engineering
Budgeting services
Expert Witness



1409 North 54th Street
Milwaukee, WI 53208
Phone . 414 . 530 . 1080
rosheen@newedenlandscape.com



THE FIRM

Since 2003, New Eden Landscape Architecture, LLC has been connecting people with nature. With an office in Milwaukee, Wisconsin, the award-winning design firm weaves architecture and landscape into engaging environments that do more than delight visitors. They contribute to climate mitigation, healthy environments and provide places for social interaction and healing.

The collaborative firm has created progressive outdoor environments for healthcare, commercial, retail, and civic organizations, as well as for residential clients. From site planning through construction, New Eden transforms ordinary outdoor places into ecological and contextually sensitive landscapes that stimulate the senses and soothe the soul.

New Eden has teamed with several leading architects and engineers to deliver design solutions for Wisconsin communities.

WBE, DBE, and SBE certified

PROJECTS

Urban Design & Civic

University of Wisconsin-Madison, Madison, WI (2015) - *Discovery Garden*

Natural Playground Renovation

Milwaukee County Research Park, Wellness Plaza Park, Wauwatosa, WI (2015)

-*Open space park and plaza design*

Summerfest Headquarter Office, Milwaukee, WI (2015) -*Green roof and site landscape*

MMSD Roof Restoration Project—Jones Island, Milwaukee, WI (2014-2015) - *Green Roof feasibility study and design*

University of Wisconsin-Milwaukee, Milwaukee, WI (2014) - *LID Stormwater Management Feature & Garden*

Prairie Home Cemetery, Waukesha, WI (2011-2012)—*Natural Burial Committal Structure & Plaza*

Les Paul Grave Site / Memorial, Waukesha, WI (2012)—*Landscape Plan*

Kenosha County Safety Building, Kenosha, WI *(2011) *Landscape Plan*

Wauwatosa Fire Station #1, Wauwatosa, WI *(2010)—*Landscape / Green Roof*

Wauwatosa Hart Park Rotary Stage Site, Wauwatosa WI * (2009)—*Site and landscape plan*

Summerfest Harley Stage & Grounds, Milwaukee WI *(2009)*Landscape Plans*

City of Brookfield Fire Stations 2 & 3, Brookfield, WI *(2009)—*Landscape Plans*

Prairie Home Children's Memorial Garden, Waukesha, WI (2008)—*Pro-bono landscape plan*

Enderis Park, Milwaukee, WI (2007)—*Park Design and Public Art Consultant*

30th Street Corridor Streetscape (2006)—*Finalist team*

Commercial

Roundy's Pick-n-Save, Various sites, (2009-2011)- *Landscape Design Standards*

Zimmerman Architectural Studios, Milwaukee, WI *(2010)—*Corporate Landscape Plan*

Harken Headquarters, Pewaukee, WI * (2009)—*Landscape Plan*

Fond Du Lac YMCA Renovation, Fond Du Lac, WI * (2009)—*Landscape Plan*

Viterbo University, LaCrosse, WI *(2009)—*Campus Master Plan/ Guidelines*

Wisconsin Club, Milwaukee, WI *(2008-2009)—*Landscape Renovation*

Hollister Hollow Subdivision, Kenosha, WI* (2009)- *Landscape Master Plan*

Marcus Theater Corporation – various locations, (1992-2004) *Landscape Plans*

Healthcare

Wisconsin Interdisciplinary Medical Research, Madison, WI (2010-2013)

Intensive Green Roof and LID Stormwater Plaza / new construction

**Clock Shadow Building, Milwaukee, WI (2012)—*Intensive and extensive green roof and landscape / new construction*

Froedtert Hospital*, Milwaukee, WI (2010)

2nd & 4th Floor Intensive Rooftop Courtyard / Existing building renovation

Children's Hospital of Wisconsin*, Wauwatosa, WI (2009-2010)—*Healing Garden*

Wisconsin IRC and University Hospital*, Madison, WI (2007-2008)—*Intensive Green Roof and Campus Landscape Plan / new construction*

St. Luke's Medical Center, Milwaukee, WI (1990-2000)—*Campus Landscape Design and construction management*

** project funded by MMSD grant



* Work accomplished while associated with Zimmerman Architectural Studios



Company Profile

SPIRE ENGINEERING, INC.

600 W Virginia Street, Suite 102
Milwaukee, WI 53204

SPIRE ENGINEERING, INC. is a full service consulting structural engineering firm located in Milwaukee, Wisconsin. With over 20 years of experience in the industry, we provide professional design services for commercial, industrial, institutional and residential type projects. The firm specializes in the design of conventional and composite structural steel, post-tensioned concrete, conventionally reinforced concrete, timber, masonry and precast concrete systems for office buildings, educational buildings, parking ramps, healthcare facilities, retail/entertainment venues, residential buildings and industrial/manufacturing facilities. We also conduct investigations of building failures and analysis of existing structures in connection with prospective additions, repairs and historic restorations.

Full services offered can range from preliminary schematic design through design development, construction documents, permit acquisition, bidding, and construction administration. Specialized services can involve design of specialty elements, comparison of various configurations and structural materials, development of various concepts to address specific design challenges and peer review of existing designs.

We take pride in providing creative solutions to complex problems that focus on ease of constructability and an economical design. By effectively listening to client goals we create a set of services tailored to benefit each project. We actively strive to be responsive, proactive, and work with a team focus to solve problems, maintain schedule, and provide excellence in structural design.



311 East Chicago Street
Suite 310
Milwaukee WI 53202
Tel: (414) 329-2827
Fax: (414) 329-2820

The Matrix Group Engineering Consultants

Firm Introduction and History:

The Matrix Group Engineering Consultants was formed in February of 2008 when members of several Milwaukee area engineering firms decided to join forces and develop a new multi-discipline engineering firm. The principals involved in this venture were Robert Eliopoulos – formerly with Matrix Mechanical Solutions (HVAC and Plumbing engineering), Richard Ward and Mitchell Colegrove – both formerly with Czarnecki Engineering (Electrical engineering) and Brian Rinke – formerly with Ambrose Engineering (Structural engineering).

The principals decided to expand upon the foundation that was Matrix Mechanical Solutions and develop a new multi-discipline engineering firm that could meet more engineering needs of its clients. Therefore, from this action The Matrix Group Engineering Consultants was born.

In 2011, The Matrix Group ceased the Structural Engineering group after the departure of the lead engineer, Brian Rinke. We continue to this day to provide MEP engineering services for our clients in the Wisconsin area.

The Matrix Group prides itself on availability to meet engineering challenges and achieve our client's objectives. We can deliver well-designed engineering systems within a predetermined cost framework that will answer your program needs and enhance your project. The Matrix Group can provide complete engineering design services in the following areas:

Mechanical Engineering	(HVAC, Plumbing, Fire Protection)
Electrical Engineering	(Lighting, Power, Fire Alarm, Telecom, Low Voltage)

Collectively, the principals at The Matrix Group have over 70 years of engineering design experience working in the construction industry. They have the experience necessary to assist our clients on a wide variety of projects in the commercial construction industry. They are experienced and have completed projects in the following types of construction: nursing home and assisted living facilities, retail stores, office buildings, medical facilities, industrial process facilities, financial institutions, religious buildings (churches), theaters, educational facilities, municipal facilities, sports facilities and many more.

We strive to use all available materials to the A/E community and this includes the use of both Autocad and Revit software for preparation of our construction documents. We have used Autodesk Revit building information modeling (BIM) software since 2009 in our office and continue to use Revit for a portion of our projects. We are able to meet and follow the needs of our clients with the use of BIM software. We find that BIM does allow for greater coordination and conflict resolution during the design process.

The Matrix Group has Professional Engineer (P.E.) registration within all areas of engineering and maintain active registrations in 37 states, including Wisconsin and other Midwestern states. We are willing to obtain registration in any state required to meet our clients needs and objectives. A list of states where registrations are currently held can be furnished upon request or can be found at our website located at the following: www.tmgec.com.



SECTION 2
PROJECT WORKING
RELATIONSHIP



WORKING RELATIONSHIP AND PROJECT MANAGEMENT

ARC-INT Architecture is an innovative design firm that avoids the common industry practice of “handing-off” projects to less experienced staff after the project is won with little involvement from design principals or senior staff.



Firm Co-Founder Ryan Thacker possesses extensive experience with DPW and similar facilities. He has completed both studies and buildings that represent fresh thought in the design of these facilities.

Our design process is highly professional, highly organized, and leverages over 35 years of combined experience by the partners of the firm. We carefully schedule work in our office to allow the partners to be highly involved in all phases of a project – more involved than typical for design firm principals. We manage our internal workload carefully to avoid over-booking our office. This allows us to maximize client interaction and insure professional guidance throughout the design process.

STRETCHING THE BOX

As architects, we are often encouraged by our clients to “think outside the box.” This is common refrain from clients that are really asking their trusted design professionals to avoid pre-conceived design solutions – they are looking for a tailor-fit design process. We understand exactly what you are looking for when you ask us to “think outside the box.”

As our proposal demonstrates, the primary focus of our design process is to develop a deep understanding of the project parameters and constraints early in the lift of the project. This understanding consists of programmatic requirements, functional requirements, site constraints, legal constraints and other drivers of the design. Although we bring many years of design experience that will inform the design we avoid arriving at a design solution before asking all the questions.

We call this method of design “stretching the box.” Rather than simply “thinking outside the box,” we prefer to rigorously explore all of the forces that shape project. Once we understand the confines of the “box,” we look for opportunities to stretch it and interpret the constraints rather than fighting them. We are deeply confident in this process because it always points us to the right solution. We are skeptical of any design process or philosophy that seeks to depart from best-practices. Our work bridges the gap between aesthetics and function.

COLLABORATION AND TEAM INTEGRATION

Collaboration can range from a casual comment over the phone or a napkin sketch that triggers new ideas to a formal work session that includes well-choreographed



brainstorming toward creation of various alternative solutions to vexing problems. We believe that collaboration is an attitude more than a process. Participants assume that each member of the team has something valuable to offer, and that by using many brains synergistically rather than working in ‘silos,’ overall outcomes will be dramatically improved. In a collaborative effort, it is understood that different points of view add richness and depth to the project, but this means that ego must take a back seat.

PROJECT MANAGEMENT

As the Architect-of-Record for this project, ARC-INT Architecture will have the responsibility of maintaining routine communications and managing the efforts of the sub-consultant team. We have proven ability to assimilate and prioritize information leading to the effective direction of the entire A/E team. Ryan and Ed have the ability to provide leadership in a diligent, client-focused manner. We will oversee the project to ensure that contractual requirements, project schedule, and technical requirements are met.

Utilizing the Scope of Work Matrix included in our proposal, we will develop a detailed Work Plan that will set a project framework for assignment of responsibilities, chain of communication, schedule tracking, and Quality Control.

QUALITY CONTROL

ARC-INT Architecture takes great pride in both the quality of our design work and the technical merit of our documents. With Construction Document production methodologies that were developed over 25 years of professional practice, we believe in the “4-C’s” of quality documents as set forth by the Construction Specifiers Institute – **“Clear, Concise, Correct, and Complete.”** Both Ryan and Ed are certified Construction Document Technologists (CDT) with the Construction Specifiers Institute.

At the core of our Quality Control program is our in-house **Construction Documents Checklist**. This document represents a culmination of our professional practice and experience. We continually update the checklist to incorporate items that are specific to each of our market sectors and identify best-practices. Our goal is implement a methodical approach to document quality in order to reduce risk for both the Owner and the design team.

COST MANAGEMENT

As architects, we often rely on historic pricing data to estimate the cost of construction. We add an inflation factor to these historic cost models to make them relevant to a given future construction period. However, we are finding that this method of estimating project cost is not reliable given the volatility of the market.



Recent construction experience has confirmed that our market is experiencing an unusually volatile bidding climate. Partially due to material costs and partially due to contractor workload, estimating and managing construction costs are particularly difficult in the present market.

In order to better understand construction costs related to this project, we are utilizing the services of cost estimating consultant with real-world connections to the construction industry. Mike Moore of Moore Construction Services will serve as an integral member of the design team – particularly during the early phases of the project. Mike's expertise will allow us to quickly understand the impact of different design options and construction techniques. We believe that this market volatility does not have to negatively impact this project. We will allow market realities to help shape the design.



SECTION 3
PROJECT UNDERSTANDING AND
APPROACH





PROJECT UNDERSTANDING AND PROFESSIONAL APPROACH

Based on our thorough review of the previously completed facility study and our meeting with Village of Brown Deer staff we feel that we have a comfortable understanding of your goals for the project. Combined with our past experience and unique design methodology, we are confident that we can deliver a project sets a legacy of efficiency and community pride.



Above Existing Village of Brown Deer Village Hall

We understand the Village's desire to establish connections between the new facility and the existing facilities. Over the long term the concept of a Village campus may be developed. This building should set a high bar for future development.

We understand that the Village of Brown Deer intends to construct a new DPW facility (along with associated accessory functions) on a vacant parcel of the land located to the south of the existing Village Hall and Police Department Building. The parcel is currently owned by the Rite-Hite Company and will be acquired by the Village. The new facility will replace the existing aging facility and provide expanded garage storage capability.

We have thoroughly reviewed the previously completed facility study conducted by Bray Architects in 2015. This study includes an evaluation of the existing DPW facilities along with preliminary programming documentation, site diagrams, conceptual building layout, and construction budget for the entire project. We assume that the preliminary planning schemes and layouts explored in the study are available for reconsideration based on input from DPW staff.

Per the project RFP, we understand that the Village will select an A/E consultant before the end of the 2015. Design will commence upon Village Approval of the A/E contract at the end of December. Construction Documents will be completed by the end of 2016 with construction beginning in the spring of 2017. Per our discussions, we have offered an accelerated schedule that allows for construction to start toward the end of 2016.

We understand that the Village intends to utilize the previously developed programming and basic building sizing parameters established in the 2015 Bray Architects study. However, we intend to lead a rigorous design process at the outset of the project that we re-confirm programming data, building layout and site layout. Also, we will look for efficiency opportunities with the existing Village Hall and Police Department Building.

We understand that the allocated budget for the project is as follows:

Construction Cost (excluding soft costs)	\$5,365,075
Site Acquisition	\$1,100,000
Total	\$6,465,075



Based on the 2015 study documentation, we understand that the 6.641 acre site (less wetlands and other unusable space) will contain the following primary features/functions:

1. Main Public Works Building
 - Anticipated/Programmed Building Area: 17,923 sf garage plus mechanic's bay, lockers/support, office/administration area.
 - Type of Construction: Precast concrete.
 - Primary Functional Areas: Vehicle storage garage, mechanics bay, lockers/support, office/administration area.
2. Salt Storage Structure
 - Storage Capacity: 1,700 tons of salt.
 - Configuration: Dome or gambrel or fabric shed.
3. Cold Storage Building
 - Anticipated/Programmed Building Area: 6,200 sf.
 - Type of Construction: Pre-engineered metal building.
4. Enclosed Materials Storage Building
 - Anticipated/Programmed Building Area: 4,000 sf.
 - Type of Construction: Shed structure.
5. Exposed Materials Storage Area
 - Fenced Area: 3,600 sf.
6. Fueling Station
 - Fuel Types: Gasoline, diesel, and propane.
 - User Groups: DPW, Police, and other Village vehicles. We understand that the Village currently does not use CNG nor does it have plans to convert.
7. Public Recycling Center
 - Functions: Yard waste drop-off, mulch pick-up, waste-oil drop-off, and metals.
8. Paved Yard
 - Functions: Vehicle circulation, material staging, staff parking.
9. Public Parking Area

Per the addendum memorandum issued on 11/3/2015, we understand that the Village will conduct wetland delineation along with SEWRPC.

Per the clarification email by Matthew Maederer, the Village will contract directly for geotechnical exploration services.



ARC-INT ARCHITECTURE SERVICE DELIVERY MODEL

Our design process is organized into a five-step process that generally reflects the requirements of the AIA standard scope of work. This service deliver model offers a more intuitive understanding of each phase of the design process while setting a clear project path with schedule requirement, milestone dates, an outline of major tasks, desired outcomes, deliverables, and minimum expectation of meetings.

Although we apply this model to all major projects in our office, it is customized for each project and keeps sight of overall project goals. Our process is outlined in the diagram below. An expanded view of this process in matrix format is included in fold-out Scope of Work Matrix.

01

DISCOVER
(PRE-DESIGN PHASE)

The DISCOVER phase is the most fundamental stage in our design process. It provides us with a research-driven backbone for the project and gives us insight into our client's vision. The data that we collection through various methods helps us understand how your operation works and how an architectural solution may improve its efficiency.

To better understand our clients we play the role of keen observer while conducting in-depth staff interviews, and even hold group visioning sessions. These are the unique insights and conversations that will provide our team the knowledge we need to find the best design solution. ARC-INT Architecture is a thought-leader in our industry. We value creativity and individuality and will dive deep to build the foundations of a truly bespoke design solution.

02

DESIGN
(SCHEMATIC DESIGN PHASE)

During the DESIGN phase of the project we utilize the research and insight that was gained during the DISCOVER phase to inform design decisions. Our first task is to generate ideas. We believe that design is more than making things look beautiful – it's also about making buildings efficient, functional, and providing a cultural connection. Our second task is to generate building massing models to quickly assess the validity of different design options and layout variables. Third, we begin to generate the technical foundations of the project. We work closely with our clients to develop technical specifications for the building which will inform the remainder of the design process. Finally, we collectively choose the best option to move forward with into development.



03

DEVELOP (DESIGN DEVELOPMENT PHASE)

The DEVELOP phase of the project is marked by an intense decision-making process. With input gathered from the DISCOVERY phase and a selected option from the DESIGN phase we can now begin to develop and hone the rough design into a more real-world design solution. We finalize our Technical Narrative that describe the technical aspects of the building, fully engage our engineering consultants, and create drawings that are suitable for an opinion of cost for the design. We also produce visual images of the building including colored floor plans and renderings of the exterior.

04

DELIVER (CONSTRUCTION DOCS PHASE)

By the time we arrive at the DELIVER phase of the project, we have utilized a research-driven design process that informed a design concept that was developed into the accepted design concept. Once we are confident that the project is within budget parameters, we begin to develop the technical documentation of the project suitable for bidding and construction. Throughout this phase of work, we continue to work collaboratively with our consulting engineers and you, the Owner to see that the design decisions are carried through and properly documented.



05

BUILD

BIDDING AND CONSTRUCTION DOCUMENTS PHASE

Our role during the BUILD phase of the project is primarily a support role for the General Contractor. Our responsibilities during bidding include clarification and interpretation of the Bidding Documents. Once the bids are received we offer our assistance in reviewing and scoping the bids before moving on to contractor selection and site mobilization. We have a strong industry reputation for working well with General Contractors while continuing to represent the best-interest of our clients. Our continued role during the construction phase insures that the building is constructed in compliance with the contract documents and meets the goals that we set early in the design process.

VILLAGE OF BROWN DEER PROJECT SCOPE OF WORK MATRIX AND ROADMAP



DISCOVER PRE-DESIGN PHASE

DURATION

Accelerated Schedule: 01-12-2016 thru 02-09-2016

MAJOR TASKS AND MILESTONES

1. Conduct Project Kick-Off meeting with the entire design team to reinforce project goals, milestone schedule dates, chain of communication, and other project requirements / expectations.
2. Review the methodology and conclusions of the 2016 Bray Architects study with BD DPW staff including DPW Director, Department Superintendents, and Key Staff.
3. Finalize the Building program for all buildings on site including accessory structures.
4. Create existing site Survey including property lines, easements, existing pavements/structures, topography and utilities.
5. Create DRAFT Project Technical Narrative to set design standards for building materials, equipment, site requirements, structural systems plumbing systems, HVAC systems, and electrical systems.
6. Review the Owner's preliminary budget.

MEETINGS

- Project Kick-Off Meeting: Date to be determined.
- Program Confirmation Meeting: Date to be determined.

DESIRED OUTCOMES

1. Establish Owner approved, FINAL Building Program.
2. Establish DRAFT Project Technical Narrative.

DELIVERABLES

1. Final Building program spreadsheet.
2. DRAFT Project Technical Narrative.

DESIGN SCHEMATIC DESIGN PHASE

DURATION

Accelerated Schedule: 02-16-2016 thru 03-29-2016

MAJOR TASKS AND MILESTONES

1. Create project Work Plan...expand this
2. Engage Civil Engineer (The Sigma Group).
 - Evaluation of storm water management options, site utilities, and layout alternatives.
3. Create program-driven massing models of main building and accessory structures.
4. Test-fit various options of site arrangement taking into account site access, site constraints, storm water management best-practices, site circulation, neighborhood presence, public access, building configuration, building aesthetics, interface with existing Village Hall and other identified opportunities.
5. Create Schematic Design level drawings including:
 - Architectural floor plans, exterior elevations, and building sections.
 - Civil layout plan, grading plan, utility plan, storm water management plan.
6. Complete building code compliance summary.
7. Evaluate various construction methods.
8. Evaluate sustainable building options and costs verses estimated payback expectations.
9. Review Grant opportunities for sustainable infrastructure and storm water management.
10. Refine building equipment specifications including (but not limited to) vehicle lifts, overhead cranes, jib cranes, air and water lines, bulk fluid distribution, vehicle exhaust reels, welding arms and exhaust, parts washing, generator, radiant heating, shelving, and security provisions.
11. Refine the Project Technical Narrative.
12. Conduct Schematic Design Cost Estimate opinion.

MEETINGS

- Schematic Design Team Meeting No. 1: Date to be determined.
- Schematic Design Team Meeting No. 2: Date to be determined.
- Village Plan Review Meetings (quantity 2): Date to be determined.

DESIRED OUTCOMES

1. Narrow site layout options and building floor plan options down to a single option that will be further refined in the DD Phase.

DELIVERABLES

1. Schematic Design level drawings.
2. Schematic Design level 3D views of the main building and site accessory structures.

DEVELOP DESIGN DEVELOPMENT PHASE

DURATION

Accelerated Schedule: 02-16-2016 thru 03-29-2016

MAJOR TASKS AND MILESTONES

1. Finalize Project Technical Narrative.
2. Finalize decisions on inclusion of sustainable design elements.
3. Engage Structural, Plumbing, HVAC, and Electrical Engineers.
4. Create Design Development level documents appropriate for cost estimating including the following:
 - Architectural site plan.
 - Floor Plans of the main building and accessory buildings including definition of the overall dimensions, complete building envelope, equipment placement, and code compliance diagrams.
 - Exterior Elevations including building heights, material definition, glazing, and door locations.
 - Building Sections and Wall Sections.
 - Basic schedules including Door Schedule and Room Finish Schedule calling out general level of interior finishes.
 - Civil Drawings including site preparation and erosion control plan, site plan, grading plan, utility plan, site details.
 - Structural Drawings including Foundation and Framing Plans.
 - Plumbing Drawings including basic utility connection strategy, roof drainage, sprinkler system and fixture locations.
 - HVAC Drawings indicating mechanical room requirements and roof locations, major duct runs, shop exhaust strategy (make-up air and exhaust reels), and integrated building controls.
 - Electrical Drawings indicating desired lighting levels, and special power requirements.
5. Create presentation graphic collateral for public meetings.
6. Conduct Design Development Cost Estimate opinion.

MEETINGS

- Design Development Team Meeting No. 1: TBD.
- Design Development Team Meeting No. 2: TBD.
- Village Plan Commission, Building Board, Finance and Public Works Committee, Water Commission, Village Board Meeting, and Public Information Meeting: Dates to be determined.

DESIRED OUTCOMES

1. Establish FINAL Project Technical Narrative.
2. Finalize the site layout, building layout, equipment selections, civil requirements, plumbing fixture and drain locations, HVAC systems and duct run layouts, electrical lighting and power requirements and prepare for final documentation and specification of the building in the CD Phase.

DELIVERABLES

1. Renderings and colored floor plans for board presentations.
2. Design Development drawing set in PDF format.

DELIVER CONSTRUCTION DOCS PHASE

DURATION

Accelerated Schedule: 05-24-2016 thru 08-16-2016

MAJOR TASKS AND MILESTONES

1. Finalize interior design package including sample boards.
2. Review value engineering or value enhancement options based on the Design Development Cost Estimate opinion.
3. Finalize Construction Drawings including full documents for the following disciplines:
 - Civil Design / Engineering
 - Architectural and Interior Design
 - Structural Design / Engineering
 - Plumbing Design / Engineering
 - HVAC Design / Engineering
 - Electrical Design / Engineering
 - Finalize Construction Specifications and Project Manual
 - Front End documents.
 - Technical Specifications for all divisions of work.
 - Design team review and coordination meetings at milestone intervals (50% complete documents and 90% complete documents milestones).
4. Submit Construction Documents for review by the State of Wisconsin and other review agencies as necessary.

MEETINGS

- 50% Construction Documents Team Meeting: TBD.
- 90% Construction Documents Team Meeting: TBD.
- Village Plan Review Meetings (quantity 2): Dates to be determined.

DESIRED OUTCOMES

1. Create bid-ready Construction Documents.

DELIVERABLES

1. Printed set of 90% Construction Documents for Owner review.
2. Bid-ready construction documents (drawings and specifications).

BUILD CONSTRUCTION PHASE

DURATION

Accelerated Schedule: Estimated November 2016 thru late summer 2017.
Standard Schedule: x

MAJOR TASKS AND MILESTONES

1. Prepare Bidding Documents to be advertised by the Village of Brown Deer.
2. Assist with Pre-Bid Walkthrough Meeting on site with potential bidders.
3. Respond to contractor questions and issue clarifications/addenda as necessary.
4. Assist with bid review.
5. Review contractors schedule and work plan.
6. Review of all shop drawings and submittals.
7. Attend scheduled Construction Progress Meetings (assumed to be bi-weekly).
8. Prepare monthly Architect's Field Report.
9. Review Change Order requests and clarifications.
10. Substantial Completion Inspection report.
11. Assist with project close-out
12. Review O&M submittals.

MEETINGS

- Pre-Bid Walkthrough Meeting: TBD.
- Bid Review Meeting with Owner: TBD.
- Construction Progress Meetings: Bi-weekly during Construction Phase.

DESIRED OUTCOMES

1. Completed facility.

DELIVERABLES

1. Construction progress reports (monthly).
2. Substantial Completion checklist / report.
3. Final close-out documents.



Above Future site of the DPW facility looking south from the entrance to the Village Hall/ Police Department

Above Right Future site of the DPW facility looking north.



SCOPE OF WORK BY PHASE

In general, our Scope of Work follows the structure of the AIA Contract B101 - Standard Form of Agreement Between Owner and Architect as we assume this will be the desired contract form. Specific tasks are detailed in the attached fold-out Scope of Work Matrix.

PROJECT SCHEDULE

The project RFP indicates the design phase of the project shall be completed by the end of 2016 and construction starting in the spring of 2017. Per our conversations we are proposing an optional, accelerated design schedule that allows for construction to begin the fall of 2016 with estimated completion in the third-quarter of 2017. This scenario would allow for operations to begin in the new facility during the winter of 2016. We are confident that this schedule still allows for a rigorous design process yet tightens up the overall project schedule and reduces exposure to future construction cost increases. We also expect this scenario will take advantage of more favorable bidding conditions assuming we can begin construction in October and avoid concrete work in winter conditions.

Please note that this accelerated schedule only serves as a demonstration. We can also deliver the project based on the schedule indicated in the RFP document.

Proposals Due	November 20, 2015
Authorization to Proceed	after December 21, 2015
Project Kick-Off	January 12, 2016
Complete Pre-Design Tasks	February 9, 2016
Begin Schematic Design Phase	February 16, 2016
Complete Schematic Design Phase	March 29, 2016
Begin Design Development Phase	April 5, 2016
Complete Design Development Phase	May 17, 2016



Below Existing cul-du-sac north of the Rite-Hite facility - the concept site plan shows public access for material drop-off at this point.

Above Right Community context - Brown Deer Pond, trail-head and Village facilities.

Begin Construction Documents Phase	May 24, 2016
Complete Construction Documents Phase	August 16, 2016
Bidding Document Available to Contractors	August 23, 2016
Bids Due	September 20, 2016
Construction Contract	October 18, 2016
Groundbreaking	November 1, 2016
Complete Construction	August / September 2017

TECHNICAL APPROACH

Our workflow will follow the phased approach outlined in our Scope of Work Matrix. Several key factors of our Technical Approach to the project are listed below:

1. At the outset of this project, our team will thoroughly review the past programming data produced by Bray Architects in the 2015 study document. We will test the methodology in which this data was collected in order to determine its validity to inform the rest of the project. Once the basic programming requirements are established, we will conduct additional interviews with departmental leaders, superintendents, and staff to determine workflow and operational requirements as well as equipment requirements.
2. Early in the planning stage of a project, we utilize 3D, diagrammatic models of the buildings on site to quickly evaluate different arrangements of site elements.
3. Set standards for building equipment. Our team will meet with various equipment vendors and lead discussions of features, strategies, and costs. We will draw on our experience with past projects to determine optimal equipment specifications for the Brown Deer Public Works building. Typical equipment for DPW buildings may include vehicle lifts, overhead cranes, jib cranes, air





Below Existing cul-du-sac north of the Rite-Hite facility - the concept site plan shows public access for material drop-off at this point.

Above Right Community context - Brown Deer Pond, trail-head and Village facilities.

and water lines, bulk fluid distribution, vehicle exhaust reels, welding arms and exhaust, parts washing, generator, radiant heating, shelving, and security provisions.

4. Identify design opportunities to optimize building performance and site efficiency. We understand that modern building must be high-performance in terms of energy efficiency but also in terms of operational efficiency.
5. Review current trends in DPW Design based on industry best-practices. We have successfully tested many unique features in past industrial projects that we can evaluate for inclusion into this project.
6. Incorporate as many sustainable design features as possible.
7. Finally, ARC-INT Architecture will work toward creating architecture that fits into the community and site in which it is located. We will endeavor to create an attractive building that the Village of Brown Deer can be proud of for decades to come. This project will be a legacy for the current administration and has the potential to add to the quality of community and cultural connection.

OPPORTUNITIES

Our review of the 2015 Bray Architects study lead us to conclude that it was well-done overall. However, we have noted some inconsistencies and potential opportunities that will depart from the conceptual design proposed by Bray Architects. It is our intention to thoroughly investigate these opportunities in the DESIGN phase of work.

1. The current working concept site design appears to engage the existing Village Hall by aligning on the same axis. This may allow for some perceived connections via the sidewalk path and building massing. However, we are not convinced that axial alignment of the buildings necessarily results in a strong connection. Instead a “bent” axial alignment may offer additional opportunities. We also feel that the placement of the salt dome and yard materials components is poor and reflect a negative/closed image to the community. It is also likely





PROJECT TEAM LEADERSHIP

Pragmatic and research-driven design yields social, economic and ecological outcomes that connect people to places and evoke a quiet, emotional response. We subscribe to a holistic design approach that is deeply responsive to our client's needs and desires. Through collaboration, we strive to create spaces that are rich in ambiance and bear the imprint of the individuals involved in their creation. Our primary objective is to utilize our experience and professional expertise to generate design solutions that are sensitive to the parameters of our client's program, and the realities of current market conditions.



RYAN THACKER
PROJECT MANAGER AND LEAD DESIGNER
ARC-INT ARCHITECTURE

Ryan's role on the project will be primary day-to-day point of contact for the design team to the Village of Brown Deer. Ryan will also be the lead designer, offering his expertise in designing similar facilities.



EDWARD HAYDIN
SENIOR ARCHITECT AND TEAM LEADER
ARC-INT ARCHITECTURE

Ed's role on the project will be the primary interface between ARC-INT Architecture and our consulting team. With a proven background in effective team management, Ed will maintain the project work plan, schedule, lead our Quality Control program.



MIKE MOORE
COST ESTIMATING AND CONSTRUCTION
CONSULTING
MOORE CONSTRUCTION SERVICES

Mike's role on the project will be to provide cost estimating assistance during the design process and offer input on design options from a cost and constructability basis.



JAMES "CHIP" LEEDOM
CIVIL ENGINEERING
THE SIGMA GROUP

Chip's role on the project will be as Sigma's Project Manager and Sr. Project Engineer. As a resident of Brown Deer, Mr. Leedom has a vested interest in the successful completion of the project – to provide a functional facility meeting the Village's needs, on-schedule and on-budget. Mr. Leedom will also provide a local presence for the team living within a two-minute drive to the facility and the Village Hall.



ROSHEEN STYCZINSKI
LANDSCAPE DESIGNER
NEW EDEN LANDSCAPE ARCHITECTURE

Rosheen is a particularly talented landscape designer and will provide a cost-effective yet highly attractive design concept. The key landscape challenge on this project will be to soften the edges of the main building and reduce the impact of the building height with pedestrian scale.



ALAN RENTMEESTER
STRUCTURAL ENGINEER
SPIRE ENGINEERING

Al will provide professional structural design services. He has worked with ARC-INT Architecture on previous industrial projects and understands the requirements of precast concrete buildings, metal buildings, and equipment such as cranes and lifts required in DPW facilities.



BOB ELIOPULOS
PLUMBING ENGINEER
THE MATRIX GROUP

Bob's role on the project will be to lead the plumbing engineering team. He has worked on numerous projects with both Ryan including industrial facilities. He understands the functional components of DPW facilities and can deliver practical solutions.



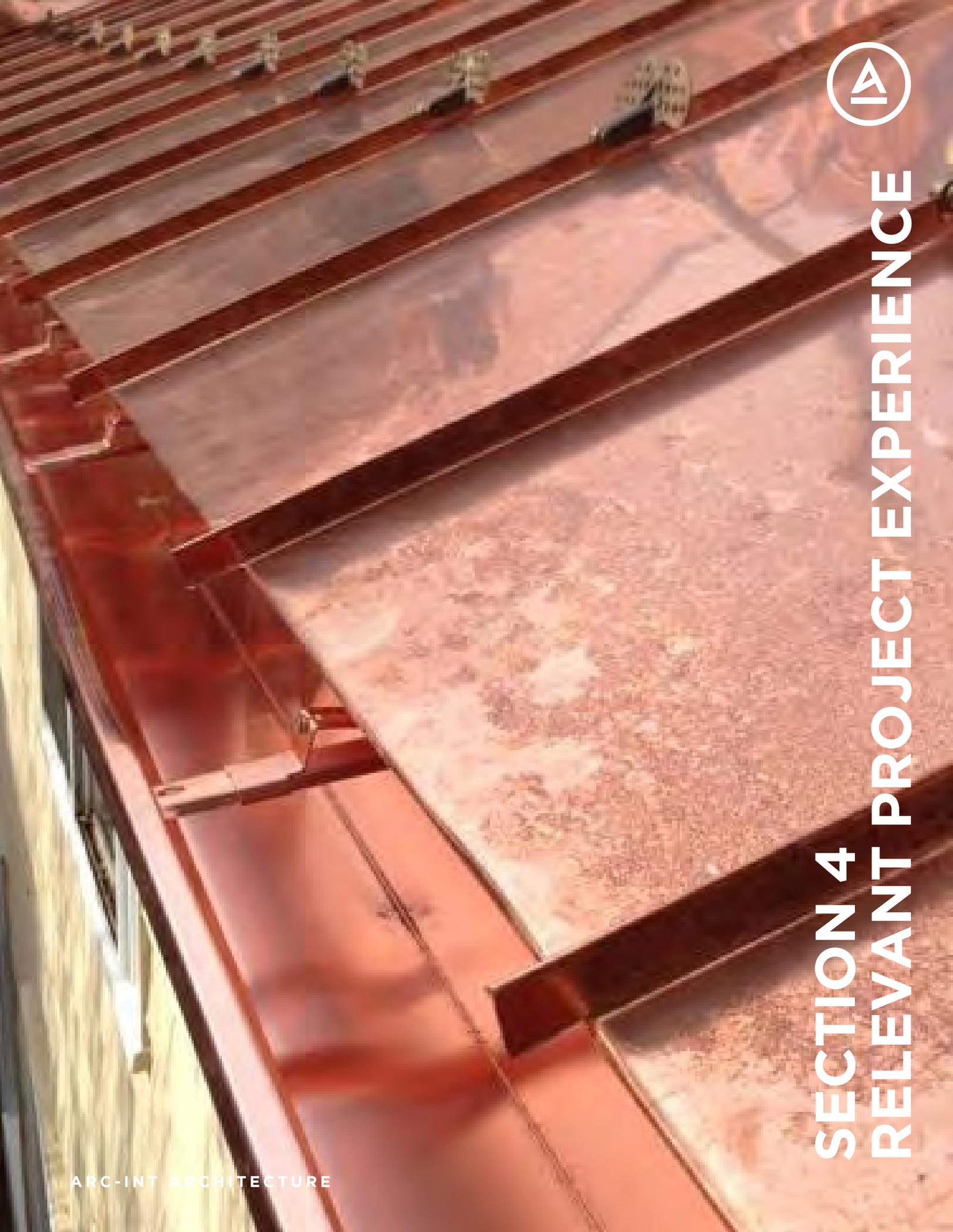
KEN SENFT
HVAC ENGINEER
THE MATRIX GROUP

Ken's role on the project will be to lead the HVAC engineering team. DPW's and other similar facilities have additional HVAC related issues that need to be resolved. In addition to heating, Ken will consider vehicle exhaust, welding exhaust, and snow-melt systems for the parking garage.



RICK WARD
ELECTRICAL ENGINEER AND LIGHTING DESIGNER
THE MATRIX GROUP

Rick's role on the project will be to lead the electrical engineering and lighting design. Rick understands the best-practice lighting levels for DPW facilities and understands the importance of coordination with equipment such as cranes and lifts.



SECTION 4 RELEVANT PROJECT EXPERIENCE



RELEVANT PROJECT EXPERIENCE

As noted in our cover letter, prior to co-founding ARC-INT Architecture and joining the firm as a principal, Ryan served as the lead designer and senior project manager for numerous DPW and highway maintenance shop projects and studies while working for another local firm. For the past 6 years, Ryan worked to develop a rigorous approach to planning industrial facilities that balances function with aesthetics.

Below View of daylighting in the mechanic's garage at Jefferson County Highway Shop.

Bottom View of articulated vehicle exhaust reels.



Based on the past experience of the firm's founding partners, ARC-INT Architecture is building an industrial design portfolio with both public and private sector clients. Although our previous employers hold the "architect of record" credentials for many of our past projects, the experience gained from the projects travels with us.

EXPERIENCE WORKING WITH DPW'S, HIGHWAY SHOPS, AND OTHER INDUSTRIAL FACILITIES

Relevant project experience by ARC-INT Architecture

Village of Shorewood Department of Public Works

Constrained by a neighborhood on the east and north and the Milwaukee River to the west, the Shorewood Department of Public Works hired Sigma and ARC-INT Architecture to provide an independent evaluation and solutions to keep the landlocked site functioning efficiently into the next 25 years. Site designs to contain runoff are offered as a way to access MMSD granting for clean water were included within the recommendations.

Wauwatosa Department of Public Works

Interior renovations of staff areas including breakroom, offices, locker rooms, and main entrance lobby.

Custom Truck and Equipment Building Addition

A 40,000 sq ft addition to an existing metal building structure. The new addition contains over 15 vehicle bays with overhead cranes and jib cranes. The addition also contains offices, parts area, retail sales, and meeting rooms.

Relevant project experience by Ryan Thacker while at other design firms

Jefferson County Highway Shop – New Construction.

Calumet County – Study and full design services.

Walworth County – Study.

City of Sun Prairie – Technical assistance and Quality Assurance.

Relevant project experience by Edward Haydin while at other design firms

Hawker Beechcraft Corporation Indianapolis Aircraft Service Center





EXPERIENCE WORKING PUBLIC ENTITIES

ARC-INT Architecture has extensive experience working with public entities and we have a deep understanding of the public approval process. In the past, we have navigated our clients through the political approval process and worked with public officials to achieve consensus through our design process.

We understand the many of the public approvals for this project have already been obtain. However, there are still several political milestones that need to be achieved prior to the construction of this project.

Below Gambrel style salt shed.

Bottom Diesel and gasoline fueling island with below grade tanks.



CROSS-POLLINATION

We strongly believe in the concept of “cross-pollination” of ideas between different project types. ARC-INT Architecture is involved in the design of many different project types including industrial, commercial, cultural, healthcare, housing, and educational. While the requirements of these various project types are quite varied, there are many common threads can be “borrowed” between project types.

Once example of the cross-pollination concept is the application of “Lean Management” principals borrowed from the healthcare industry. In an era of shrinking operating budgets and limited staff, managers of public agencies and departments need to be equipped to “do more with less.” Therefore, we are interested in buildings that are straightforward to operate and manage for a limited number of people.

Another example borrows from the market-driven workflows developed by our private-sector industrial clients. Although we recognize that the mission of public agencies and departments differs from their corporate counterparts, we believe that there are lessons to be shared – especially with respect to construction standards (i.e. industrial concrete floors, precast wall panels, and daylighting strategies).





PROJECT CASE STUDY

JEFFERSON COUNTY HIGHWAY MAINTENANCE SHOP

The new Jefferson County Highway Shop was designed to replace an obsolete, first generation highway shop located in downtown Jefferson. The 40+ acre site is centrally located off of the Highway 26 bypass. The state-of-the-art facility includes an 8-bay, double stacked repair garage with overhead cranes, in-ground vehicle lifts, and custom fabricated lubrication stations. The vehicle storage garage is designed to house the entire County fleet including space for off season plow storage at the head of each bay. Site accessory structures include a double fueling island, cold storage building, salt brine production facility, double salt sheds, scale, and generous yard area.

Sustainability features in the building include light-pipe lighting tubes, in-floor radiant heating, and a highly insulated roof and precast concrete wall panel building envelope.



Project Statistics

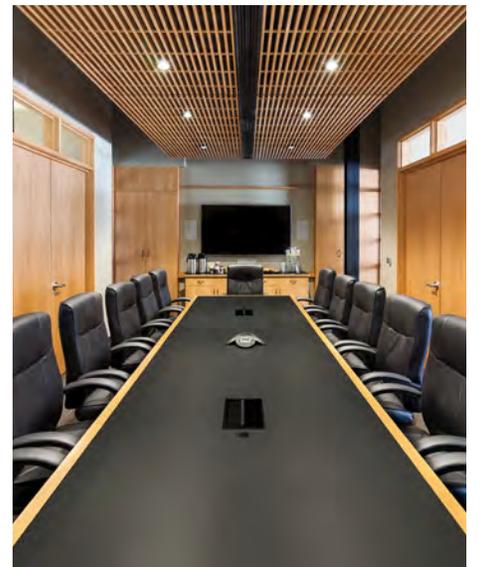
Location: Jefferson, Wisconsin.
Project Status: Completed.
Completion: 2015.
Project Size: 85,000 sf.
Construction Cost: \$15 Million.
Ryan's Role: Lead designer and Senior Project Manager.
Architect of Record: Barrientos Design and Consulting.

Photos

Left Top: Overview of main entrance.
Left Bottom: View of repair garage.
Above Top: View of fueling island.
Above Bottom: View of salt shed.



SELECTED EXAMPLES OF WORK



**Village of Shorewood
Department of Public Works Yard Master Planning**

The Sigma Group, Inc. was retained by the Village of Shorewood Department of Public Works to evaluate operations and space utilization at the Village's DPW yard to provide recommendations for improvements at the yard focusing on maximizing and increasing efficiencies of operations and to develop a conceptual master plan for implementation of the recommended improvements. The site has severe geometrical constraints which pose significant challenges in terms of efficient site operations, material storage and traffic flow. Many of the existing buildings on the site are outdated and fully utilized and adapted to function as best as possible to meet the needs of DPW operations.



Efforts involved initial data gathering including review of existing site and building plans, interviews with DPW Directors and DPW Division Foremen, site inspections and preparation of a base site survey; facilities analysis and alternatives development including a square footage analysis and functional condition assessment of interior and exterior spaces, development of conceptual site layouts, development of conceptual functional interior space layouts, utility evaluation and storm water management evaluation; and preparation of a master planning report including a prioritized listing of recommended improvements, conceptual site layout plan, building and interior space programming, and cost estimates for recommended site and building improvements. The report will be used by the DPW as a planning and budgeting tool for phased implementation of recommended improvements.



**Goodwill Development
Green Bay Road (State Highway 57)
Brown Deer, Wisconsin**

The Sigma Group, Inc. provided complete site surveying and civil engineering services for a new Goodwill retail store development in Brown Deer. The project involved the construction of a 19,200 square foot Goodwill retail building with associated parking, drives and infrastructure on a 2.4 acre parcel. Two existing parcels totaling approximately 6 acres were redivided by Certified Survey Map to create the Goodwill parcel and two additional parcels for future development. The project also involved the planning and design of infrastructure to accommodate future development of the two additional parcels.



Sigma provided surveying services for the project including the preparation of a site design survey, preparation of an ALTA/ACSM Land Title survey of the project site, Certified Survey Map preparation for redivision of the site, preparation of easement documents for public utility and access easements, construction staking and preparation of as-built surveys/record documents.

Sigma's civil engineering services included master infrastructure planning to accommodate future development, design and permitting of a public water main extension to service the Goodwill development and future development, storm water management design and permitting to accommodate the Goodwill development and future development, design and permitting of private site utilities on the Goodwill site (storm sewer, sanitary lateral, water lateral), design of site grading and paving plans, public sidewalk design, and permitting with the Wisconsin Department of Transportation for access modifications from adjacent State Highway 57. Sigma also provided construction administration and inspection services to ensure that work was being constructed in accordance with approved plans and specifications for the project.



Jefferson County Highway Department New Central Garage Facility Jefferson, Wisconsin

Jefferson County selected Sigma as their Owner's Representative for the design review and construction oversight for their new 83,700 SF building construction to house the operations of the Highway Division, Fleet Division, Administration, along with associated yard operations and storage functions on a site located in Jefferson, Wisconsin. The project budget of approximately \$15 million.



Services provided by Sigma include:

- Monitoring and review of the design and construction activities to maintain schedule and budget (manage bi-weekly owner/architect/contractor meetings).
- Coordinating Owner questions or concerns to the design and construction teams along with agency coordination.
- Reviewing contract scope of services, schedules and costs for various elements of design and construction for the overall project.
- Reviewing design and construction documents (award recommendations, change orders, etc.) to meet project description and program intent.
- Preparing and reviewing monthly progress reports and making presentations to the District on project status.
- Reviewing design and construction requests for payment.
- Coordinating overall project commissioning and move-in.



The main facility areas will include; vehicle storage, vehicle repair bays, skilled trade (weld and carpenter) shops, parts storage, automated vehicle wash bay, crew support and administrative offices. Owner Direct Construction Purchases for tax exempt purposes includes the following pieces of equipment: two (2) 7.5T overhead cranes, automated fleet vehicle wash system, vehicle lift, vehicle exhaust reels, air compressors, and lube dispensing system.

The yard operations and storage functions include: 30,000 SF (120' x 250') cold storage building; 8,000 T bulk salt storage facility; 1,792 SF (42' x 42'-8") salt brine mixing and cold patch storage facility; two (2) fleet fueling canopy island areas served by one (1) 15,000 gallon unleaded underground tank, two (2) 10,000 gallon diesel underground tanks, one (1) existing relocated propane tank; employee/visitor parking; miscellaneous material stockpile areas; yard circulation and lay down areas.

The site prep includes; mass grading, erosion control, storm sewer and storm water management pond, extension of public sanitary sewer, water main, and a new 36' wide private access drive from CTH W to serve the new facility.



**Salt Storage Facilities Improvements
Waukesha County Highway Department**

Sigma was engaged by Waukesha County to improve the management of run-off and wash water for Highway Department salt storage facilities throughout the County. The work generally consisted of design, bidding, and construction management of upgrades to five County salt storage facilities including New Berlin, Sussex, Nashotah, Highway Operations Center, and North Prairie. Upgrades varied by site but principally consist of reconstructing the drainage area (for brine collection) at the salt dome apron areas and removal and replacement of some underground brine tanks along with installing high level alarms.

There was also some removal and replacement of septic tanks and separation of septic system piping from brine system piping. Site restoration included asphalt and concrete pavement replacement and patching. Gestra Engineering, Inc. provided geotechnical testing and analysis for pavement replacement.



**Fueling System Upgrades and Yard Improvements
City of Milwaukee Department of Public Works**

Sigma has been serving as the City's consultant for the design of fueling system upgrades and yard improvements for various City departments including the Departments of Public Works, Forestry, Fire, Police and Water Works for over 15 years. The UST program encompasses over 100 USTs that supported City operations such as fire and police, public works, and housing. Elements of the work included program planning, site investigation and remediation, design of UST removal and installations, and annual tightness testing.

Design of the fueling system upgrades included removal of existing above ground and underground storage tanks, new double-wall underground tanks, dispensers/dispensing islands, double-wall product piping, vapor recovery systems, leak detection systems, card reader systems and alternate fueling (propane) stations. The design work also included related site improvements such as paving replacement and fueling island canopies.

Sigma also provides design services to the City for implementation of storm water Best Management Practices at several City yards including design of containment systems and canopies for material storage areas and calcium chloride tanks.



SPIRE ENGINEERING, INC.

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E-mail: atr@spireengineer.com

Representative Projects

- **Alterra Café and Bakery Facility** – Bay View, WI
New 16,000 sf main bakery facility with two story café. Structure includes various building materials including cast-on-site concrete tilt-up panels that were used for the speed of construction, cost savings, and creative design flexibility. A steel framed roof with light monitors is used at the bakery and timber/glu-laminated framing at the café.
- **Potawatomi Data Center** – Milwaukee, WI
Two story 46,000 sf data center designed to resist 135 mph wind speed that equates to more than twice the code required wind pressure loading. The structure consists of composite concrete and steel floor and roof framing and rarely used composite CMU/steel framed shear walls.
- **Oak Park Place** – Milwaukee, WI
Design of 263,000 sf independent living and assisted living facility that includes a separate 9 story tower and 8 story tower joined by a two level underground parking structure. The post-tensioned concrete structure features an exterior plaza at the first floor that wraps around the three sides and between each building. The building is on a severely sloping site that required design for two stories of unbalanced soil loading. Lateral stability for the towers is accomplished with concrete moment frames using the columns and post-tensioned flat slabs to eliminate the need for shear walls.
- **Associated Bank** – Manitowoc, WI
Branch bank with office component for the 9,000 sf single story building. The sloped roof structure consists of open web joists supported on steel beams/columns and utilizes a combination of x-braces and moment frames for lateral bracing.
- **Heartland Housing – Center & Buffum** – Milwaukee, WI
Four-story apartment building with green roof and photovoltaic panels. The structure is wood trusses and panelized wood bearing walls sitting on a precast concrete podium.
- **Cornerstone Commons Senior Living** – Johnston, IA
The 98,000 sf independent living facility consists of three stories of wood construction supported on a precast concrete first floor with below grade parking under the entire 25,000 sf building footprint.
- **Associated Bank** – Fitchburg, WI
Renovation and addition to an existing single story bank with basement. The new structure utilized structural steel and open web bar joists with moment frames and thin cantilever overhangs.
- **Market Square Cheese** – Lake Delton, WI
5,400 sf addition to a “Swiss Chalet” style retail store with full basement. The floor is supported by wood I-joists and LVLs while a large gabled roof is framed in heavy timber beams joined with complex wood connections.
- **Homer Township Public Library** – Homer Glen, IL
Renovation and 27,000 sf addition to the single story library with a partial basement. The structure consists of wood roof trusses and girders supported by steel columns.
- **Lakewood Residence** – Lake Geneva, WI
Structural design of a 24,000 sf lake house on Lake Geneva. The structure incorporates the use of conventional wood framed construction along with structural steel, glu-lam beams, cast-in-place concrete and precast concrete construction.

Representative Projects with Prior Companies

- **Alterra Corporate Headquarters** – Milwaukee, WI
The 25,000 sf space includes the headquarters for Alterra Coffee, the main roasting facility, a café and additional retail space. The structure consists of cast-on-site concrete tilt-up panels that support the steel framed roof.
- **JW Speaker Corporate Headquarters** – Germantown, WI
The 178,000 sf headquarters and large production facility focused on sustainable design. The structure included extensive use of cast-on-site concrete tilt-up panels that were used for the speed of construction, cost savings, and creative design flexibility.
- **Milwaukee Art Museum** – Milwaukee, WI
Structural design of 125,000 sf museum addition designed by architect Santiago Calatrava. The mat slab supported structure consists of cast in place post-tensioned concrete arches in the gallery/exhibition space and in the underground parking area. A cable suspension bridge connects an adjacent park to the steel-framed glass pavilion and its moveable wing-like “brise soleil.”

- **Midwest Express Center** – Milwaukee, WI
Structural design of 670,000 sf exhibition and convention complex consisting of two levels of steel moment frame structure above two levels of precast concrete construction. Eleven foot deep steel girders span the ballroom and support 350 psf truck loading on the exhibit hall above. A cast in place helical truck ramp was designed to access the third story exhibit hall.
- **Nolen Shore** – Madison, WI
The project consists of a 200,000 sf twelve-story above grade residential condominium building, a 15,000 sf three-story townhouse apartment building complex, and an interconnecting 110-car parking structure with exterior plaza space between the two buildings. The framing systems for the tower and parking areas consists of a cast in place post-tensioned (PT) two-way flat plate system. Several transfer beams were used to eliminate tower columns at the parking levels.
- **Palos Heights Public Library** – Palos Heights, IL
20,000 sf two-story addition consisting of steel joists, beams, and columns on concrete spread footings. The building has gabled, hipped, and mansard roofs with long cantilevered conditions.
- **Woodfield Lakes Senior Housing** – Green Bay, WI
The four-story 114,500 sf mixed use building consists of three stories of residential apartments (61 units) above 23,200 sf of first floor commercial space with one floor of below grade parking. The structure consists of tapered wood roof trusses and open web wood floor trusses bearing on stud walls that are supported by the second floor precast concrete transfer slab. The first floor and second floor precast plank are supported by a combination of steel and precast beams and columns. Due to poor soils, the structure was founded on a 24" thick concrete mat slab below the entire footprint of the building. There were also intricate curved and cantilevered canopies and multiple deck/balcony configurations.
- **Kalona Public Library** – Kalona, IA
11,000 sf new library facility. This project incorporated the use of wood trusses on timber framed walls and an exposed steel front entry canopy. Mechanical units were supported by the roof trusses.
- **Lakeshore Medical Center** – Chicago, IL
Five-story, 171,000 sf medical office building expansion to an existing hospital. Expansion consists of a grand, three story entry with balconies, mezzanines, an open stair, and an elevator, adjoining the two buildings. The structural framing system consists of a braced steel frame with composite concrete floors on a braced steel frame, supported on belled caissons. A separate structure was provided for a pedestrian bridge to connect the existing hospital and existing parking garage. The bridge spans 70 feet over an active street and consists of steel truss with composite concrete floor framing.
- **Manitowoc Public Library** – Manitowoc, WI
Two-story 32,000 sf library. A combination of conventional spread footings and pile supported columns and slabs support the steel beam and column structure. Moment frames were used in both directions to resist lateral loads. A circular rotunda extends above a corner of the building.
- **Quad/Graphics, Inc.** – Berkeley County, WV
390,000 sf printing and warehouse facility with office and storage mezzanines. Steel braced frames with precast concrete walls supported on conventional shallow spread footings. Precast and composite steel and concrete mezzanines. An enclosed bridge for mechanical systems connects the main plant to a 24,000 sf power house.
- **Manitowoc Public Library** – Manitowoc, WI
Two-story 32,000 sf library. A combination of conventional spread footings and pile supported columns and slabs support the steel beam and column structure. Moment frames were used in both directions to resist lateral loads. A circular rotunda extends above a corner of the building.
- **100 Wisconsin Building** – Madison, WI
Design of a twelve-story 185,000 sf post-tensioned concrete residential and office building. There are four additional levels of parking below grade that exceed the plan footprint of the building above creating a plaza condition at the first floor plate. Transfer beams at the first floor support more than half of the building's columns, which do not extend down to footings. Lateral stability is created by use of frame action between the columns/slabs.
- **Marina Condominiums** – Madison, WI
A 197,800 sf post-tensioned concrete building with fourteen floors of residential units above three floors of parking on a sloping site. Features include an exterior plaza at the first floor that wraps around the building on three sides and circular balconies at several corners of the structure at each elevated floor. Lateral stability is accomplished with concrete moment frames using the columns and post-tensioned slab.
- **601 Lofts** – Milwaukee, WI

A 223,600 sf post-tensioned concrete building with eight floors of residential units above three floors of parking and retail. Features include numerous cantilevered balconies on three sides of the building at most elevated floors and an exterior plaza at the third floor surrounded by residential units on three sides. Lateral stability is achieved with concrete moment frames using columns and post-tensioned slabs.

- **Eastcastle Place, Inc.** – Milwaukee, WI
Structural design of an addition to an existing senior living complex. The project consisted of approximately 130,000 sf, three-story conventional wood framed construction supported on precast underground parking or residential space. Structural steel framing was also utilized to frame open areas. The project also consisted of reframing and demolition in two existing buildings constructed at the turn of the century. The project layout also required a connection between the new and existing parking structure by a new drive-thru tunnel below an existing building.

- **Riverfront Lofts** – Green Bay, WI
The project consists of a five-story, 26-unit condominium building, including 51,000 sf of residential units above 14,500 sf of parking. The upper three floors and roof consist of open web wood floor trusses on light gauge bearing walls. These are supported and transferred by precast concrete plank, beams, and columns at the second floor. An existing steel pile and grade beam foundation system from a previous parking structure was utilized to support the building. New piles and pile caps were added to support loads that did not coincide with existing foundations.



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Public Works / Municipal Projects

The Matrix Group Engineering Consultants has established a very positive engineering reputation in, and around, the Southeastern Wisconsin area. Our individual backgrounds, collected together, bring a diverse spectrum of engineering experience. So far we have provided Engineering Services throughout Wisconsin, as well as nationwide.

The following list is an example of some of the projects we have completed over the past years to display our experience in the area of public works and municipal projects.

Jefferson County Highway Department – New Office/Shop/Repair Facility

The project was to construct a new 80,000 square foot facility a new site on the outskirts of Jefferson, WI. The building and site consisted of all Highway Department functions, including vehicle repair/welding shops, storage and washing functions. Offices and associated staff spaces were provided. The large site included space for salt sheds, bring mixing building, cold storage, materials storage and fueling functions. The building is due for occupancy in early 2015. Our office completed the electrical design for the project, including a standby generator for key functions. LED lighting was used for energy efficiency along for outdoor lighting and select interior fixtures. Tubular skylights were used for daylighting within the storage spaces, along with a lighting control system to turn off the interior fluorescent lighting when the daylight was sufficient to meet the lighting requirements of the space.

Milwaukee County – Mitchell Park Greenhouse – Milwaukee, WI

This project included new construction to add 7 new greenhouses and associated office and storage functions within Mitchell Park in Milwaukee, WI. The new facility was to be connected via a corridor to the existing Mitchell Park Domes facility. The project consisted of full MEP design work and required coordination between the greenhouse vendor and Milwaukee County to provide all necessary functions for a full production greenhouse for use by Milwaukee County for plants and perennials within their parks system. There were extensive plumbing systems, including the use of underground storage tanks to reclaim rainwater for use within the greenhouses for watering of plants. Electrical system included a standby generator system for back up power to critical functions, along with coordination with a various greenhouse equipment and control systems.

Brown County Highway Department – Greenleaf Repair Shop

This project consisted of the design of a new addition and complete remodeling of the existing Greenleaf Repair Shop to meet the modern needs for Brown County, WI. Electrical work was completed that included the design of new electrical distribution, new lighting systems along with lighting controls to provide an energy efficient design for Brown County. Hi-bay fluorescent light fixtures were used along with occupancy sensors and low-voltage control switches to provide the easiest means of control for Brown County while being able to turn-off the fixtures during times when the building was unoccupied to maximize energy savings.

City of West Allis – Fire Stations 1, 2 and 3 and New Administrative Building

This project consisted of four (4) separate projects that were bid and constructed separately. Fire Station #1 was a completely new building to replace the aging and obsolete Station #1. New amenities were installed to meet the requirements of a modern fire station. The obsolete Station #1 was then remodeled into the new Administrative Building for office, training rooms and workout spaces for the firemen. Station #2 and Station #3 both included additions and remodeling to the existing fire station to bring them both up to meet the needs of modern fire station.

Township of Nokomis, WI – New Fire Station

This project consisted of the construction of a new fire station for the Township of Nokomis in northern Wisconsin. The station had four (4) bays for vehicles along with support offices and staff spaces. The project included a generator set for standby power in case of normal utility power failure. Fluorescent lighting using T5 high outlet lamps was used in the vehicle spaces to provide adequate lighting levels while allowing for a dual-switching arrangement to allow for 33%, 66% or 100% of lighting to be on at a given time. Occupancy sensors were also used where possible to maximize energy savings.

Milw. Dept of Public Works - Washington Park Senior Center Boiler Plant Replacement

Milwaukee, WI.

Prepared construction bid documents for central boiler plant replacement which included the demolition and removal of an aged water tube boiler and associate accessories. The new boiler plant included an upgrade to new modular, sealed combustion, high efficiency condensing boilers which provided increased energy savings. Overall equipment footprint was smaller than removed boiler plant allowing for additional access to boiler room equipment.

Kenosha County Correctional Facilities - Kenosha House of Corrections

Kenosha, Wisconsin

Prepared construction bid documents for HVAC, plumbing and fire protection systems for a 140,000 sq ft correctional facility. Project comprised of ten rooftop air conditioning units, two 200 HP central boilers for heating, and one 50 HP low pressure steam boiler for laundry services. New kitchen plans required make-up air compensating hoods along with ventilation air distribution, and laundry facilities with make-up air requirements.

Plumbing systems included intricate underground sanitary sewer piping with security features and computerized penal fixture unit controls, water distribution and computerized water and sanitary waste control for all high security areas. Plumbing fixtures were specialized, stainless steel security penal fixtures.

Institution Food House - Truck Maintenance & Wash Facility

Florence, South Carolina

Prepared construction bid documents for HVAC and plumbing systems for a new semi-truck maintenance and truck wash facility which also included a break room area and several offices. Mechanical plans included oil lube pits, oil transfer pumps and piping, compressed air piping, and anti-freeze piping. Truck maintenance stall areas included make-up air and associated exhaust air. Exhaust air was also designed to include removal of air from oil pits. Space tempering included infrared heating devices as well as BAF ceiling destratification fans.

Plumbing systems included trench drains to an exterior oil separator. Water service as well as sanitary waste or recirculation piping was designed to accommodate vendor supplied truck wash equipment.

Milwaukee General Mitchell International Airport - Existing Garage Renovation

Prepared HVAC and plumbing plans and specifications for a small office area renovation. Plans included demolition of an existing 3000 sq ft garage/maintenance area to accommodate new administrative office spaces. HVAC systems included tie-ins to existing central chilled water and hot water heating systems. Individual office temperature controls provided with reheat VAV boxes. Indoor modular air handling unit furnished with VFD controls.

Milwaukee County Fleet Maintenance Facility

Prepared HVAC construction documents for make-up air requirements to a 52,000 sq ft light vehicle maintenance facility. Due to the high volume of existing exhaust airflow and negative pressure conditions, HVAC design incorporated an indoor 20,000 cfm hot water make-up air unit with heat recovery. Existing exhaust ductwork was modified and rerouted to a fixed plate heat recovery unit capable of tempering incoming winter airflow (design temperature = -10degF) to above freezing discharge, allowing the Owner to save substantial heating dollars. Heat recovery unit utilized hydronic heat from the existing city main steam to hot water heat exchanger.

An additional 2-speed exhaust fan with operator over-ride capabilities was designed to meet local welding area requirements during winter, high volume workloads.

Six (6) independently operated vehicle exhaust reels and fans were designed to eliminate excessive tailpipe carbon monoxide gas fumes. The entire facility is monitored for carbon monoxide through a detection system and interlocked with new make-up air system and existing exhaust fans. Coordination of new and existing equipment sequences of operation communicated to an existing and upgraded central building automation system.

Milwaukee County Bus Maintenance Facility

Prepared HVAC and plumbing construction documents for the phased renovation of an existing 20,000 sq ft, county bus fleet maintenance facility. Design preparation required phased construction for minimal downtime to Owner. Project involved the removal of structurally supported floor system, with slab-on-grade replacement installation incorporating new sub-floor bus inspection pits. Mechanical designs (HVAC and plumbing) included the demolition and rerouting/relocating of all under-floor services (including fire main water, domestic cold water, maintenance fluids, oils, grease, and compressed air), to above grade. Inspection pits included the installation of relocated oil and grease product reels and air-operated waste oil pumps. New under-floor PVC exhaust ductwork with associated stainless steel exhaust grilles located within product reel inspection pit alcoves.



SECTION 5 PROJECT TEAM RESUMES



RYAN THACKER PRINCIPAL AND CO-FOUNDER

With experience working on a wide variety of building types and project scales, Ryan has professional expertise in providing elegant design solutions that engage environment, craft, and community. He is passionate about exploring contrasting relationships in his work – inside/outside, public/private, technology/nature – through the use of simple forms, “honest” materials, and natural light. As a craftsman accustomed to creating handmade objects, Ryan has a unique appreciation for well-crafted buildings and carefully-planned spaces.

Ryan brings over 16 years of experience in the architectural design industry and nine years as a professional architect. He possesses a rare balance of technical abilities and aesthetic design talent.

EDUCATION

Spring 2000 - University of Wisconsin - Milwaukee School of Architecture and Urban Planning - Bachelor of Science in Architectural Studies.

PROFESSIONAL

2006 - Present
Architect in the State of Wisconsin.

Member of the American Institute of Architects

Construction Specifiers Institute
Construction Document Technologist
Certification

COMMUNITY INVOLVEMENT

Ryan serves on the facility advisory boards for Notre Dame Middle School in Milwaukee advising the school on maintenance of existing structures and the development of facility expansion plans. He is an active in the Clarke Square and Garden District Neighborhoods of Milwaukee advocating for vibrant communities, pedestrian / bicycle friendly infrastructure, and positive development trends.

SELECTED PROJECT EXPERIENCE

2015 Hunger Task Force of Milwaukee Farm Visitor Center - Franklin, WI
Project Role: Project Designer for a new addition to the existing granary building to provide meeting spaces, offices, and central gathering point on the farm.
Construction Cost: \$1.1M

2015 City of Wauwatosa, City Hall Renovations - Wauwatosa, WI
Project Role: Project Designer for the interior renovations to the administration department of the Wauwatosa City Hall.
Construction Cost: \$400K

2014 Cardinal Capital Management Pasadena Apartments - Wauwatosa, WI
Project Role: Principal-in-Charge and Lead Designer for a new apartment development in a semi-urban context in Wauwatosa.
Construction Cost: \$4.5M

2014 City of Washburn, West End Park Masterplan - Washburn, WI
Project Role: Project Designer for the redesign of West End Park including a new masterplan and various architectural structures.
Construction Cost: \$6.5M

2014 Village of Shorewood DPW - Yard Masterplan - Shorewood, WI
Masterplan and study of the existing facility and recommendations of new structures and site organization to optimize efficiency.
Construction Cost: To be Determined

2013 City of Wauwatosa, DPW Planning and Renovations - Wauwatosa, WI
Programming and design layout of interior renovations of the existing DPW facility to support efficient workflow.
Construction Cost: \$1.2M



PROJECT AWARDS

2015 Mayor's Design Award for:
600 East Wisconsin - Facade;
Milwaukee, WI.

IIDA Award and AID Award for:
Hamilton Fine Arts; Sussex, WI.

*Daily Reporter/Wisconsin Builder – Top
Project and Wisconsin DOA – Excellence
in Architectural Design for:*
UW Madison - Microbial Sciences.

*School Planning and Management Merit
Award for:*
UW Platteville - Student Dormitory;
Platteville, WI.

*Golden Trowel Award for Institutional
Buildings and ASID Award and IIDA
Award for:*
Sun Prairie West Side Community
Services Building; Sun Prairie, WI.

SELECTED PROJECT EXPERIENCE WITH PREVIOUS ARCHITECTURAL FIRMS (FIRM OF RECORD LISTED)

2015 Jefferson County Highway Maintenance Shop - Jefferson, WI

Project Role: **Lead designer and Senior Project Manager** for the design of a 85,000 sf facility including site accessory structures (fueling, cold storage, salt storage, salt brine, scale, and yard storage).

Construction Cost: \$15M.

Architect of Record: Barrientos Design and Consulting.

2015 Oneida County Highway Maintenance Shop - Rhinelander, WI

Project Role: **Lead designer and Senior Project Manager** for the planning of options for a new facility on a new site or renovations / additions to the existing facility.

Construction Cost: Estimated \$6.5M.

Designer of Record: Barrientos Design and Consulting.

2014 Walworth County DPW Facilities Study and Planning - Elkhorn, WI

Project Role: **Lead designer and Planner** for an in-depth study of expansion options and preliminary design of a new maintenance facility and site accessory structures.

Construction Cost: Estimated \$4.5M.

Designer of Record: Barrientos Design and Consulting.

2013 Milwaukee County Fleet Maintenance Facility Study - Milwaukee, WI

Project Role: **Lead designer and Planner** for the site and facility study to assess the impacts of Swan Boulevard reconfiguration and optimization of site circulation.

Designer of Record: Barrientos Design and Consulting.

2012 Calumet County Highway Maintenance Facility - Chilton, WI

Project Role: **Lead designer and Senior Project Manager** for the design of a 72,000 sf facility including site accessory structures (fueling, cold storage, salt storage, scale, and yard storage).

Construction Cost: \$7.5M.

Architect of Record: Barrientos Design and Consulting.

2015 City of Sun Prairie DPW Fleet Repair Garage - Sun Prairie, WI

Project Role: Technical advisor and quality control engineer for new maintenance garage and small administration building.

Architect of Record: Barrientos Design and Consulting.



EDWARD HAYDIN PRINCIPAL AND CO-FOUNDER

Ed's leadership is straight-forward, informed by culture with a desire to create meaningful solutions. Establishing the Arcint-Architecture practice in 2012, he is committed to a sense of community to provide inspired design work. Diverse clients such as Saint Francis Xavier, Sokaogon Chippewa Tribe, and the City of Wauwatosa appreciate Ed's ability to remain flexible and pragmatic while creating beautiful, fulfilling buildings and spaces.

Edward brings over 20 years of architectural design experience focusing on programming, master planning, building design and common sense sustainability. He focuses on managing the daily activities of the firm, industrial, religious, park and community planning, corporate, multi-family housing and public facilities.

EDUCATION

Spring 1993 - University of Wisconsin - Milwaukee School of Architecture and Urban Planning - Bachelor of Science in Architectural Studies.

PROFESSIONAL

Architect in the State of Wisconsin.

Member of the American Institute of Architects

Construction Specifiers Institute
Construction Document Technologist
Certification

COMMUNITY INVOLVEMENT

Friends of Center Park
Non-Profit Executive Board Member - elect.

East Tosa Alliance
Past Executive Board, Founding
Member & Planning Chair.

*Wauwatosa Village Business
Improvement District*
Past Planning Committee; Wayfinding
Committee.

SELECTED PROJECT EXPERIENCE

2015 Custom Truck and Equipment Building Addition - Union Grove, Wisconsin
A 40,000 sqft addition to an existing metal building structure. The new addition contains over 15 vehicle bays with overhead cranes and jib cranes. The addition also contains offices, parts area, retail sales, and meeting rooms.

2014 Village of Shorewood Department of Public Works DPW Yard Masterplan - Shorewood, Wisconsin
Constrained by a neighborhood on the east and north and the Milwaukee River to the west, the Shorewood Department of Public Works hired Sigma and ARC-INT Architecture to provide an independent evaluation and solutions to keep the landlocked site functioning efficiently into the next 25 years. Site designs to contain runoff are offered as a way to access MMSD granting for clean water were included within the recommendations.

2014 Rishi Tea, Owner's Representative for Headquarters Building Construction - Milwaukee, Wisconsin
With growth outpacing the current facility, Rishi Tea- a purveyor and broker of international tea, selected to work with Arcint-Architecture in a Supplemental role as Owner's Representative. Key factors in our success were guiding the client through technical building discussions with the Architect and remaining creative to keep the contractor on schedule. The result was a facility delivered in time for the Christmas production season that meets the technical requirements for storage and processing high quality tea. Rishi Tea retains Arcint-Architecture for other design projects.

2014 City of Wauwatosa, City Hall Administration Department Renovations - Wauwatosa, Wisconsin
Working closely with City administrative staff and elected officials, ARC-INT Architecture expertly combined four separate departments with the Executive Suite to design a warm, inviting and safe work environment that is also inviting to citizens. A multifunctional design element uses a feature wall as a media interviewing area.
Construction Cost: \$380,000.



COMMUNITY INVOLVEMENT CONTINUED

Wauwatosa Bicycle and Pedestrian Plan
Past Committee Member.

*Wauwatosa Design Review Board –
Commercial*
Sitting Member.

PROJECT AWARDS

2015 Mayor's Design Award for:
600 East Wisconsin - Facade;
Milwaukee, WI.

*2013 Wauwatosa Historic Preservation
of Properties Award; Rocket Baby
Bakery, Wauwatosa, Wisconsin.*

2011 American Libraries Showcase for:
Tempe Public Library; Tempe, AZ.

2010 ENR Award of Merit for:
IBEW/ Local 494 Milwaukee Joint
Apprenticeship Training Center;
Wauwatosa, WI.

*2007 American Society of Interior
Designers for:*
Saint Rita Parish; West Allis, WI.

*2004 American Society of Interior
Designers for:*
Saint Mary Faith Community; Hales
Corners, WI.

*2000 Midwest Construction Project
Award of Merit for:*
Trinity Evangelical Lutheran Church;
Waukesha, Wisconsin.

*1995 International Masonry Design
Award for:*
Winkler Elementary, Burlington
Wisconsin.

SELECTED PROJECT EXPERIENCE WITH PREVIOUS ARCHITECTURAL FIRMS (FIRM OF RECORD LISTED)

2012 City of Wauwatosa Hart Park Playground & Splash Pad - Wauwatosa, WI
Project Role: Design Architect & Project Management through Construction
Administration for interpretive and accessible playground facility at the Hart Park
Bandshell.
Construction Cost: \$980,000.
Architect of Record: Engberg Anderson.

**2012 City of Wauwatosa City Hall Health Department Renovations -
Wauwatosa, WI**
Project Role: Design Architect & Project Management through Construction
Administration for the Health Department Renovations as developed in the 2010
City Hall Master Plan.
Construction Cost: \$380,000.
Architect of Record: Engberg Anderson.

**2011 Hawker Beechcraft Corporation Indianapolis Aircraft Service Center
Indianapolis, IN**
Project Role: Planning & Project Management through Construction
Administration.
Multi-phased design and construction of 80,000 square foot- Aircraft Maintenance
Hangar and adjacent paint booth, Fixed Base Operator and fuel depot.
Construction Cost: \$15,000,000.
Architect of Record: Engberg Anderson.

**2008 Milwaukee Electrical Joint Apprenticeship Training Center - Wauwatosa,
WI**
Project Role: Planning, Design Architect & Project Management through
Construction Administration for a 37,000 square foot renovation of a Fed Ex
distribution center into state of the art training labs and classrooms for the
IBEW Local 494 Apprenticeship Training Program and Journeyman Continuing
Education Programs.
Construction Cost: \$4,500,000.
Architect of Record: Engberg Anderson.



MICHAEL J. MOORE

PRESIDENT

EXPERIENCE

Moore Construction Services is led by President Mike Moore. Mike's 30 years of experience began with a company he cofounded in 1985 and where he served as vice president. He served as the company's president for two additional years before founding Moore Construction Services in 2007.

Mike's lengthy experience gives him in-depth knowledge of the entire construction process, from preliminary budgeting to project close out. Mike has estimated and managed over \$300 million worth of commercial construction projects.

EDUCATION & TRAINING

- University of Wisconsin-Stout, 1984
Bachelor of Science, Industrial Technology
concentration in Building Construction
- University of Wisconsin-Madison
Continuing Education
- Associated General Contractors
Continuing Education

PROFESSIONAL AFFILIATIONS

- University of Wisconsin - Stout
Industry Advisory Board - STEM College
- Menomonee Falls Chamber of Commerce
2013 President
- Metropolitan Milwaukee Assoc. of Commerce
CEO Roundtable Facilitator
- Catholic Memorial High School
Building Committee Chair
- Menomonee Falls Chamber of Commerce
CEO Roundtable #1 & #2 Facilitator

NOTABLE PROJECTS

COMMERCIAL

Cubic Design
Glenroy, Inc.
Hartford City Hall
Kewaskum Public Library
Milsco Manufacturing Company
Northwest Funeral Chapel
Pavlic Investments Advisors
Tailored Label Products
Tegrant Corporation
Trysting Place Pub

RELIGIOUS

Crossroads Community Church
St. Dominic's Church and Gym
St. Paul Lutheran Church
Shepherd of the Hills
Wauwatosa Ave. United Methodist Church

EDUCATION

Carroll University
Catholic Memorial High School
Germantown School District
Lake Country School District
Swallow School
Waukesha School District

Profile

Mr. Leedom is a Senior Engineer providing project management and technical support for a wide variety of engineering related projects within the areas of municipal, commercial, industrial and residential development. He has more than 27 years of experience in the civil and environmental engineering disciplines and has provided consulting services for both private and public sector clients. Mr. Leedom serves as the lead engineer and project manager on the project team responsible for customer interfacing, coordination of resources and overseeing deliverables.

Areas of Expertise

- Site Engineering—Municipal Yard Improvements
- Site Engineering – Commercial Developments
- Site Engineering – Residential Subdivision Developments
- Storm Water Management Plans
- Private Utility System Design
- Public Infrastructure Improvements
- Public Utility Extensions
- Site Due Diligence Review

Education / Training

- B.S. in Civil Engineering, UW-Milwaukee, 1987

Registrations / Certification

- P.E., Wisconsin No. E-28041
- P.E. Michigan No. 6201049854
- LEED, A.P.

Professional Affiliations

- American Society of Civil Engineers
- MMSD Low Impact Development Steering Committee

Representative Experience

Walworth County Department of Public Works; DPW Facility Expansion Schematic Design Study

Lead engineer for Sigma responsible developing schematic design for the proposed DPW facility expansion including evaluation and schematic design of pavements, utilities (sanitary, water, storm, gas, electric), storm water management and project phasing and for development of schematic level construction cost opinions for phased site improvements.

Walworth County Department of Public Works; Administrative Building Addition

Managed and oversaw preparation of site design survey, site geotechnical investigation and pre-demolition asbestos inspection in support of the Public Works Department Administrative building addition.

Village of Shorewood Department of Public Works; DPW Yard Master Planning

Lead engineer for Sigma responsible developing a schematic level master plan for DPW facility yard and building improvements. Efforts included evaluation and schematic design of facility layout, new building programming, and site improvements including pavement replacements, utilities upgrades (sanitary, water, storm, gas, electric), storm water management best management practices. Prepare master plan report and associated schematic level cost estimates.

Goodwill Development; Brown Deer, Wisconsin

Senior Project Engineer and Project Manager overseeing site civil design for a new Goodwill development off of Green Bay Road (State Highway 57). The project involved the construction of a 19,200 square foot Goodwill retail building with associated parking, drives and infrastructure on a 2.4 acre parcel. Two existing parcels totaling approximately 6 acres were redivided by Certified Survey Map to create the Goodwill parcel and two additional parcels for future development. The project included master infrastructure planning for future development of the two additional parcels, design and permitting of a public water main extension, storm water management design and permitting, design and permitting of private site utilities (storm sewer, sanitary laterals, water laterals), design of site grading and paving plans, public sidewalk design, and permitting with the Wisconsin Department of Transportation for access modifications to adjacent State Highway 57. Sigma provided complete site surveying and civil engineering services for the development.

City of Milwaukee Municipal Fueling System/DPW Yard Upgrades; Various Sites

Managed and oversaw design of vehicle fueling system upgrades and yard improvements for various City departments including the Departments of Public Works, Forestry, Fire, Police and Water Works. Design of the fueling system upgrades included removal of existing above ground and underground storage tanks, new double wall underground tanks, dispensers/dispensing islands, double wall product piping, vapor recovery systems, leak detection systems, card reader systems and alternate fueling (propane) stations. The design work also included related site improvements such as paving replacement and fueling island canopies. Also managed and oversaw design services to the City for implementation of storm water best management practices at several City yards including design of containment systems and canopies for material storage areas and calcium chloride tanks.

City of Milwaukee Department of Public Works; Central Repair Garage Storm Water BMP Conceptual Evaluation

Lead engineer responsible for the preparation of a conceptual engineering study evaluating storm water best management

practices for the site. The intent of the study was to identify and evaluate various storm water best management practices and pervious pavement options to address storm water issues at the site and to provide the City with pertinent information pertaining to system costs, system efficiencies, operation and maintenance requirements/issues, and regulatory requirements to enable the City to make an informed decision in regards to implementation of storm water best management practices at the site. The study included a detailed evaluation of pervious pavement options to assist in the City in incorporating pervious pavements at the site to satisfy an EPA grant received by the City for installation of a pervious pavement system at the site.

Milwaukee County Department of Transportation and Public Works; General Mitchell International Airport Diesel Fueling System. Managed and oversaw design a new diesel fueling facility at the General Mitchell International Airport. The fueling facility was dedicated to airport vehicles including snow plows, loaders, snow blowers, fire trucks and maintenance vehicles. Sigma prepared complete site civil plans and specifications for the fueling facility including layout and paving plans; grading/drainage plans; site utility plans including storm sewer, water, sanitary sewer rerouting, and electrical for lighting and dispensing equipment; and tank and dispensing equipment detail plans. A critical component of the project was evaluating the layout of the facility to ensure efficient traffic flow and to prevent backups and bottlenecks which would hinder efficient utilization of the system. To accomplish this, Sigma performed numerous Auto-Turn simulations of various layouts utilizing manually generated templates of airport snowplows and fire trucks.

Milwaukee County Department of Transportation and Public Works; Kinnickinnic Bus Garage Fueling and Wash Water Treatment System Upgrade. Managed and oversaw design of upgrades and improvements to the fueling system and wash water treatment system at the Kinnickinnic Bus Garage. Work included the design of a dual pump fueling system, upgrades to the existing underground storage tanks, new fuel supply lines, upgrades to the system leak detection and monitoring system, rehabilitation of the existing concrete grit chamber and new oil/water separator.



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P: (414) 530-1080
E: rosheen@newedenlandscape.com

RESUME

Rosheen M. Styczinski, FASLA

Principal | Landscape Architect—License # 87-14

EXPERIENCE

**New Eden Landscape Architecture LLC , Milwaukee, WI
2003 – Present**

Owner and Landscape Architect

Provide landscape design services including conceptual design, construction documents and construction administration.

Design services for Commercial, Public, and Private clients.

Certified WBE, DBE, and SBE business

Zimmerman Architectural Studios, Inc., Milwaukee, WI 2007-2010

Director of Landscape Architecture Studios

Project manager and designer of landscape architecture projects

Worked closely with project teams of architects and engineers

Prepared schematic design documents, construction

documents, specifications, and project administration

Stone Oak Landscapes, Milwaukee, WI 2000 - 2003

Senior Landscape Architect / Project Manager

Landscape design/build - design, estimating and project management for commercial and residential clients.

EDUCATION

University of Wisconsin – Madison

Bachelor of Science of Landscape Architecture

Graduated with honors

Certification – Healthcare Garden Design

Chicago Botanic Garden School - 2004

Certification—Water Technology / Green Infrastructure

UW-Milwaukee School of Continuing Education—2014

ACTIVITIES

**Joint Examining Board of Architects, Professional Engineers,
Landscape Architects, Land Surveyors and Designers**

Chairperson of Joint Board 2010 – present

Vice-Chair 2007 – 2010

Chair of Landscape Architect Section 2005 – 2010

CLARB representative/ Region II Alternate Director

Fellow – American Society of Landscape Architects -

Elected in 2003

AWARDS

2012 Project of Distinction—Gold Award

ABC Associated Builders and Contractors, Inc.

2009 Project of Distinction - Gold Award

ABC Associated Builders and Contractors, Inc

2006 Mayor's Urban Design Award

City of Milwaukee

Alan T. Rentmeester, PE

SPIRE ENGINEERING, INC.

600 W Virginia Street, Suite 102
Milwaukee, WI 53204

Office: 414-278-9200
E-mail: atr@spireengineer.com

Representative Projects

Qualifications

Experience

22 years

Education

B.S.C.E. – University of Wisconsin-Milwaukee; Milwaukee, WI
M.S.C.E. – University of Wisconsin-Milwaukee; Milwaukee, WI

Registrations

WI, IN, LA, VA, SC

Professional Affiliations

- American Society of Civil Engineers
- Post-Tensioning Institute
- American Institute of Steel Construction

Awards and Publications

“NDE of Steel Bridges by Acoustic Emission”, by Ghorbanpoor and Rentmeester, published in World Structures Congress, 1993

Mr. Rentmeester is owner of Spire Engineering, Inc. and is responsible for project engineering and management for numerous concurrent projects and providing technical expertise from early schematic design through final design and construction administration on commercial, institutional, and industrial building projects.

He has a strong background in designs using post-tensioned, conventionally reinforced, and precast concrete systems as well as conventional and composite steel-framed building systems for numerous multipurpose commercial projects, including multi-story office & residential apartment buildings, libraries, parking structures, light industrial facilities, manufacturing facilities, and storage warehouses. Mr. Rentmeester is an active member and chairperson for American Society of Civil Engineers (ASCE) and Regional Director for the Structural Engineers Association of Wisconsin (SEAWI).



- **Alterra Café and Bakery Facility** – Bay View, WI
New 16,000 sf main bakery facility with two story café. Structure includes various building materials including cast-on-site concrete tilt-up panels that were used for the speed of construction, cost savings, and creative design flexibility. A steel framed roof with light monitors is used at the bakery and timber/glu-laminated framing at the café.
- **Benelux Café** – Milwaukee, WI
Renovation of an historic Third Ward building for a restaurant that includes an expansion and reinforcement of the existing roof for a large outdoor patio space. The new clerestory bump up houses a steel framed monumental stair that accesses the rooftop outdoor space.
- **Potawatomi Data Center** – Milwaukee, WI
Two story 46,000 sf data center designed to resist 135 mph wind speed that equates to more than twice the code required wind pressure loading. The structure consists of composite concrete and steel floor and roof framing and rarely used composite CMU/steel framed shear walls.
- **Oak Park Place** – Milwaukee, WI
Design of 263,000 sf independent living and assisted living facility that includes a separate 9 story tower and 8 story tower joined by a two level underground parking structure. The post-tensioned concrete structure features an exterior plaza at the first floor that wraps around the three sides and between each building. The building is on a severely sloping site that required design for two stories of unbalanced soil loading. Lateral stability for the towers is accomplished with concrete moment frames using the columns and post-tensioned flat slabs to eliminate the need for shear walls.
- **Associated Bank** – Manitowoc, WI
Branch bank with office component for the 9,000 sf single story building. The sloped roof structure consists of open web joists supported on steel beams/columns and utilizes a combination of x-braces and moment frames for lateral bracing.
- **Pizza Man Buildout** - Milwaukee, WI
Complete interior renovation of a 9,600 sf two-story concrete pan and joist building in a historic district. Part of the roof was removed for a new patio and the entire Second Floor was reinforced above or below with steel framing for increased live loads.

- **Heartland Housing – Center & Buffum** – Milwaukee, WI
Four-story apartment building with green roof and photovoltaic panels. The structure is wood trusses and panelized wood bearing walls sitting on a precast concrete podium.
- **Cornerstone Commons Senior Living** – Johnston, IA
The 98,000 sf independent living facility consists of three stories of wood construction supported on a precast concrete first floor with below grade parking under the entire 25,000 sf building footprint.
- **Associated Bank** – Fitchburg, WI
Renovation and addition to an existing single story bank with basement. The new structure utilized structural steel and open web bar joists with moment frames and thin cantilever overhangs.
- **Market Square Cheese** – Lake Delton, WI
5,400 sf addition to a “Swiss Chalet” style retail store with full basement. The floor is supported by wood I-joists and LVLs while a large gabled roof is framed in heavy timber beams joined with complex wood connections.
- **Homer Township Public Library** – Homer Glen, IL
Renovation and 27,000 sf addition to the single story library with a partial basement. The structure consists of wood roof trusses and girders supported by steel columns.

Representative Projects with Prior Companies

- **Alterra Corporate Headquarters** – Milwaukee, WI
The 25,000 sf space includes the headquarters for Alterra Coffee, the main roasting facility, a café and additional retail space. The structure consists of cast-on-site concrete tilt-up panels that support the steel framed roof.
- **JW Speaker Corporate Headquarters** – Germantown, WI
The 178,000 sf headquarters and large production facility focused on sustainable design. The structure included extensive use of cast-on-site concrete tilt-up panels that were used for the speed of construction, cost savings, and creative design flexibility.
- **Milwaukee Art Museum** – Milwaukee, WI
Structural design of 125,000 sf museum addition designed by architect Santiago Calatrava. The mat slab supported structure consists of cast in place post-tensioned concrete arches in the gallery/exhibition space and in the underground parking area. A cable suspension bridge connects an adjacent park to the steel-framed glass pavilion and its moveable wing-like “brise soleil.”
- **Midwest Express Center** – Milwaukee, WI
Structural design of 670,000 sf exhibition and convention complex consisting of two levels of steel moment frame structure above two levels of precast concrete construction. Eleven foot deep steel girders span the ballroom and support 350 psf truck loading on the exhibit hall above. A cast in place helical truck ramp was designed to access the third story exhibit hall.
- **Nolen Shore** – Madison, WI
The project consists of a 200,000 sf twelve-story above grade residential condominium building, a 15,000 sf three-story townhouse apartment building complex, and an interconnecting 110-car parking structure with exterior plaza space between the two buildings. The framing systems for the tower and parking areas consists of a cast in place post-tensioned (PT) two-way flat plate system. Several transfer beams were used to eliminate tower columns at the parking levels. Shear walls around the tower core were utilized to resist lateral wind loads. The townhouse units are conventionally framed with wood studs and engineered joists. The foundation system consists of conventional shallow continuous strip and isolated footings.
- **Palos Heights Public Library** – Palos Heights, IL
20,000 sf two-story addition consisting of steel joists, beams, and columns on concrete spread footings. The building has gabled, hipped, and mansard roofs with long cantilevered conditions.
- **Woodfield Lakes Senior Housing** – Green Bay, WI
The four-story 114,500 sf mixed use building consists of three stories of residential apartments (61 units) above 23,200 sf of first floor commercial space with one floor of below grade parking. The structure consists of tapered wood roof trusses and open web wood floor trusses bearing on stud walls that are supported by the second floor precast concrete transfer slab. The first floor and second floor precast plank are supported by a combination of steel and precast beams and columns. Due to poor soils, the structure was founded on a 24” thick concrete mat slab below the entire footprint of the building. There were also intricate curved and cantilevered canopies and multiple deck/balcony configurations.
- **Kalona Public Library** – Kalona, IA
11,000 sf new library facility. This project incorporated the use of wood trusses on timber framed walls and an exposed steel front entry canopy. Mechanical units were supported by the roof trusses.
- **Lakeshore Medical Center** – Chicago, IL
Five-story, 171,000 sf medical office building expansion to an existing hospital. Expansion consists of a grand, three

story entry with balconies, mezzanines, an open stair, and an elevator, adjoining the two buildings. The structural framing system consists of a braced steel frame with composite concrete floors on a braced steel frame, supported on belled caissons. A separate structure was provided for a pedestrian bridge to connect the existing hospital and existing parking garage. The bridge spans 70 feet over an active street and consists of steel truss with composite concrete floor framing.

- **Manitowoc Public Library** – Manitowoc, WI
Two-story 32,000 sf library. A combination of conventional spread footings and pile supported columns and slabs support the steel beam and column structure. Moment frames were used in both directions to resist lateral loads. A circular rotunda extends above a corner of the building.
- **Quad/Graphics, Inc.** – Berkeley County, WV
390,000 sf printing and warehouse facility with office and storage mezzanines. Steel braced frames with precast concrete walls supported on conventional shallow spread footings. Precast and composite steel and concrete mezzanines. An enclosed bridge for mechanical systems connects the main plant to a 24,000 sf power house.
- **Manitowoc Public Library** – Manitowoc, WI
Two-story 32,000 sf library. A combination of conventional spread footings and pile supported columns and slabs support the steel beam and column structure. Moment frames were used in both directions to resist lateral loads. A circular rotunda extends above a corner of the building.
- **100 Wisconsin Building** – Madison, WI
Design of a twelve-story 185,000 sf post-tensioned concrete residential and office building. There are four additional levels of parking below grade that exceed the plan footprint of the building above creating a plaza condition at the first floor plate. Transfer beams at the first floor support more than half of the building's columns, which do not extend down to footings.
- **Marina Condominiums** – Madison, WI
A 197,800 sf post-tensioned concrete building with fourteen floors of residential units above three floors of parking on a sloping site. Features include an exterior plaza at the first floor that wraps around the building on three sides and circular balconies at several corners of the structure at each elevated floor. Lateral stability is accomplished with concrete moment frames using the columns and post-tensioned slab.
- **601 Lofts** – Milwaukee, WI
A 223,600 sf post-tensioned concrete building with eight floors of residential units above three floors of parking and retail. Features include numerous cantilevered balconies on three sides of the building at most elevated floors and

an exterior plaza at the third floor surrounded by residential units on three sides. Lateral stability is achieved with concrete moment frames using columns and post-tensioned slabs.

- **Eastcastle Place, Inc.** – Milwaukee, WI
Structural design of an addition to an existing senior living complex. The project consisted of approximately 130,000 sf, three-story conventional wood framed construction supported on precast underground parking or residential space. Structural steel framing was also utilized to frame open areas. The project also consisted of reframing and demolition in two existing buildings constructed at the turn of the century. The project layout also required a connection between the new and existing parking structure by a new drive-thru tunnel below an existing building.
- **Riverfront Lofts** – Green Bay, WI
The project consists of a five-story, 26-unit condominium building, including 51,000 sf of residential units above 14,500 sf of parking. The upper three floors and roof consist of open web wood floor trusses on light gauge bearing walls. These are supported and transferred by precast concrete plank, beams, and columns at the second floor. An existing steel pile and grade beam foundation system from a previous parking structure was utilized to support the building.



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Robert Eliopoulos, P.E. **President and Principal – Mechanical Group**

Robert (Bob) is a principal and a leader of the Mechanical group. His primary responsibilities include to oversee and coordinate broad-brush new ideas and concepts for HVAC and Plumbing system designs which include Commercial, Educational, and Industrial facility design. Bob has overseen ground-breaking Green Building Design concepts in HVAC as well as Plumbing systems. Bob has participated in various LEED certified projects including the design/engineering for one of the highest Platinum Certified LEED projects awarded to date. Sustainable and Green Building system designs include geothermal systems, water reduction usages, energy recovery system integration, stormwater harvesting system design, earth-tube air tempering systems, radiant floor heating and cooling systems, and displacement ventilation. Additional responsibilities include all inter-office as well as sub-consultant coordination, project proposals, construction budgets, system summary narratives, project specifications, and marketing. Bob has over 28 years of experience working in the construction industry and has been a registered Professional Engineer (P.E.) in the State of Wisconsin since 1996.

Municipal Facilities:

- Armstrong County Prison, Pittsburgh PA – HVAC/Boiler/Chiller Plant, Plumbing Systems
- Kenosha County House of Corrections, Kenosha WI – HVAC/Boiler Plant, Plumbing Systems
- Pleasant Prairie RecPlex, Pleasant Prairie WI – HVAC/Boiler Plant, Plumbing Systems
- Carthage College Recreation Center, Racine WI – HVAC/Boiler/Chiller Plant, Plumbing Systems
- Fleet Maintenance Facility, Wauwatosa WI – Energy Recovery system and improved ventilation.
- Washington Park Senior Center, Milwaukee WI – Central Boiler Plant Replacement.
- Fiebrantz Fleet Maintenance Facility, Milwaukee WI – High Pressure Lubrication Distribution System
- Mitchell Park Domes Greenhouse Research, Milwaukee WI – New greenhouse expansion.

LEED Certified and Sustainable Projects:

- Aldo Leopold Legacy Center, Baraboo WI – LEED Certified Platinum – Mechanical & Plumbing System
- Chippewa Nature Center, Midland MI – LEED Certified Gold – Mechanical & Plumbing Systems
- Urban Ecology Club, Milwaukee WI – Sustainable Mechanical & Plumbing Systems
- Urban Ecology Center, Milwaukee WI – LEED Certified Gold - Sustainable Plumbing Design – Stormwater Harvesting
- Brico Funds, Milwaukee WI – Sustainable Mechanical & Plumbing Systems
- Roundy's Pick N Save LEED Certified Silver – Mechanical & Plumbing Systems
- Kohl's Department Stores – Maintaining LEED Silver Certification for all new stores – Mech. & Plbg

Nursing Home/Senior Housing/Memory Care

- Harborage of Shorewood – CBRF/RCAC facility – Shorewood, WI
- Marquardt Village – Senior Housing Campus – Watertown, WI
- Siena on the Lake Senior Housing Campus – Caledonia, WI
- Silverado Senior Living – Brookfield, WI
- St. Clare Nursing Home and Assisted Living Center – Baraboo, WI
- Clement Manor and Our Lady of Angels Memory Care – Greenfield, WI

Healthcare Facilities:

- Four Winds Manor Boiler Assessment – Baraboo, WI
- St. Mary's (ASHS) Hospital North Building Medical Center Renovation – Racine, WI
- St. Mary's (ASHS) Hospital Boiler Plant Replacement – Racine, WI

Food Processing and Warehouse Distribution Centers:

- Tapia Bros, Northern Las Vegas, NV – Food Warehouse Addition
- WinCo, Phoenix AZ – Food Warehouse and Distribution Center
- HFM Foods, Maui HI – Food Warehouse Facility
- Caito Foods, Indianapolis IN – Food Processing and Warehouse Distribution Center
- Conagra Foods, Russellville AR – 60,000 sqft Food Processing Plant expansion.
- Tony's Fine Foods, West Sacramento, CA – Corporate Office Renovations
- Institution Food House, Florence SC – 160,000 sqft Food Distribution Plant and Administration Facility

Retail Facilities:

- Roundy's Food Stores – Midwest Locations
- Walgreens – Midwest Locations
- Marcus Theaters – Midwest Locations
- Kohl's Department Stores – Nationwide Locations
- McDonalds Restaurants – Wisconsin
- Burger King Restaurants – Wisconsin
- Pizza Hut Restaurants - Wisconsin

Education: Bachelor of Science (B.S.) – Mechanical Engineering, 1988
University of Wisconsin – Milwaukee

P.E. Registrations: Wisconsin, Florida, Ohio, Minnesota, Vermont, Illinois, California, Georgia, Pennsylvania, Missouri, Alabama, Colorado, Virginia, Indiana, New York, Louisiana, South Dakota, Arizona., Idaho, Indiana, Michigan, Tennessee, New Mexico, Washington, Utah, Kansas, Texas, Nevada, North Carolina, West Virginia, Arkansas, Hawaii

Previous Employers:

1. Matrix Mechanical Solutions – Greenfield, Wisconsin
President and Founder
2002 to 2008
2. Food Tech Structures – Brookfield, Wisconsin (formerly WFA Engineers, LTD)
Senior Mechanical Engineer
1995 – 2002
3. Aldag/Honold Mechanical, Inc. – Sheboygan, Wisconsin
Project Design Engineer
1994 – 1995
4. Rust Environment & Infrastructure – Sheboygan, Wisconsin (formerly Donohue & Associates)
Mechanical Engineer
1992 - 1994
5. Newport News Shipbuilding – Brookfield, Wisconsin
Mechanical Engineer
1989 - 1992
6. Howard Needles Tammen & Bergendorff (HNTB) – Milwaukee, Wisconsin
Mechanical Engineer



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Kenneth W. Senft

Senior Project Engineer – Mechanical Group

With The Matrix Group, Kenneth (Ken) is a Senior Project Engineer. His responsibilities include engineering, design and analysis of HVAC systems for Residential, Commercial, Institutional and Industrial facilities. Additional responsibilities include project management, applications engineering, project coordination, specifications, control strategies and construction administration. Ken has 30 years of experience working in the HVAC design and consulting field and has been involved in a wide variety of projects throughout the country. Examples of completed projects include:

Municipal Facilities

- Mitchell Park Greenhouse – Milwaukee, WI
- Jefferson County – Waste Oil Heating System
- Calumet County Existing Highway Shop – Facility Assessment Report

Nursing Home/Senior Housing/Memory Care

- Harborchase of Shorewood – CBRF/RCAC facility – Shorewood, WI
- Marquardt Village – Senior Housing Campus – Watertown, WI
- Siena on the Lake Senior Housing Campus – Caledonia, WI
- Silverado Senior Living – Brookfield, WI
- Clement Manor and Our Lady of Angels Memory Care – Greenfield, WI

Multi-family

- Ironworks – Apartments and Retail/Commercial mixed use – Indianapolis, IN
- River Homes on the Beer Line, Milwaukee, WI
- Button Block Apartments, Milwaukee, WI

Retail

- Sears Department Stores, Stores throughout Wisconsin, California, Minnesota, and Illinois
- Sears Auto Centers throughout Wisconsin, California, Minnesota, and Illinois
- Goodwill Industries, Milwaukee, WI
- Midtown Center Phase 2, Milwaukee, WI

Educational

- Wisconsin Lutheran College, Fine Arts Center, Wauwatosa, WI
- Esker Dining Hall & C-Store, University of Wisconsin – Whitewater
- Racine School District. Various Remodel Projects, Racine, WI
- Sauk Prairie High School Auditorium Addition, Sauk Prairie, WI
- Badger Middle School Addition and remodeling, West Bend WI.

Food Processing and Distribution Centers

- US Food Service, FL, GA, OH, OK, ND, NV, NY, SC, TX, & VA
- Sysco Food Service, ID, PA & CA
- Patrick Cudahy, Microwave Addition, Smoke House Addition Cudahy, WI
- Smithfield Foods, Ham Process Plant, Kinston NC
- Garden Fresh Foods Addition, Milwaukee, WI

Office Buildings

- Whitnall Summit Office Building (Conversion of the former Allis Chalmers Mfr Buildings 2,3,4) - West Allis, WI
- Bethesda Lutheran Homes, Corporate Offices, Watertown WI
- Waukesha Housing Authority, Conversion of Fire House, Waukesha WI

Financial Institutions

- Fort Community Credit Union, Whitewater, WI
- Citizens Bank, Holt MI
- Bank One, Milwaukee, WI

Warehouse/Office Buildings

- Bruno Independent Living, Oconomowoc WI
- Calhoun Rood Multi Tenant Facility, New Berlin WI
- Industrial Wire and Cable, New Berlin, WI
- Opportunities Inc. , Fort Atkinson WI

Industrial

- Husco International, Waukesha and Whitewater, WI
- CHR Hansen Labs, West Allis & New Berlin WI
- Inks International Ink Co., Appleton WI

LEED Certified Projects

- Derse Exhibits, Certified Silver, Milwaukee, WI
- Gundersen Lutheran Hospital, Lobby Addition, LaCrosse, WI

Education: Bachelor of Science (B.S.) – Mechanical Engineering, 1983
Milwaukee School of Engineering

Professional Affiliations: American Society of Heating, Ventilating, Air Conditioning Engineers

Previous Employers:

1. Thelen Engineering and Associates, Inc. – Oconomowoc, Wisconsin
Title: Project Engineer
October 1987 to March 2009
2. Waters and Associates Consulting Engineers – Milwaukee, Wisconsin
Title: Mechanical Engineer
August 1987 to October 1987
3. Howard Needles Tammen and Bergendoff (HNTB) – Milwaukee, Wisconsin
Title: Mechanical Engineer
November 1984 to May 1987
4. Bal-Air and Associates – Brookfield, Wisconsin
Title: Test and Balance Technician
June 1983 to November 1984



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Richard W. Ward, P.E.

Principal – Electrical Group

Here at The Matrix Group, Richard (Rick) is a principal and a leader of the electrical group. His primary responsibility is to provide engineering design and leadership to all projects within the electrical department and to provide Professional Engineer (P.E.) registration for project outside the State of Wisconsin (where necessary). He has developed skills to design projects both using Autocad, but also in Autodesk Revit using building information modeling practices. Rick has over 20 years of experience working in the construction industry and has been a registered P.E. in the State of Wisconsin since 1999. Rick has extensive design and engineering experience and has completed multiple projects in many types of commercial buildings.

Examples of completed projects include:

Municipal

- Jefferson County Highway Department Maintenance Shop – Jefferson, WI
- Mukwonago Fire Station - Mukwonago, WI
- West Allis Fire Stations 1, 2, and 3 - West Allis, WI
- Greenleaf Storage Facility (Brown County, WI) – Greenleaf, WI

Nursing Home/Senior Housing/Memory Care

- Harborage of Shorewood – CBRF/RCAC facility – Shorewood, WI
- Marquardt Village – Senior Housing Campus – Watertown, WI
- Siena on the Lake Senior Housing Campus – Caledonia, WI
- Silverado Senior Living – Brookfield, WI
- St. Mary's Home for the Aged (Felician Sisters) – Manitowoc, WI
- Avanti Nursing Home – Minocqua, WI
- Clement Manor and Our Lady of Angels Memory Care – Greenfield, WI
- Cameo Care Campus – Milwaukee, WI
- Oak Crest Assisted Living – Greenfield, WI
- Midwest Senior Living – Davenport, IA and Romeoville, IL

Multi-family

- Ironworks – Apartments and Retail/Commerical mixed use – Indianapolis, IN
- River Homes on the Beerline Condominiums, Milwaukee, WI
- 500 N. Water Button Block Apartments, Milwaukee, WI

Historical Renovation Projects

- Funke Candy Building, LaCrosse, WI. This project currently in design will renovate the 109 year old Historic Candy Factory into a 5 story boutique hotel with 5-star restaurant located in first floor.
- 408 Florida Lofts, Milwaukee, WI. This historical renovation project will convert a seven story warehouse building into a mixed use facility consisting of 3 restaurants, a fitness club and 5 floors of high end apartments. Underground parking will also be provided.
- Wunder Hall, Former Concordia University Dormitory, Milwaukee, WI. This project is the first of a series of renovations at the Historic Concordia College Campus on Milwaukee's near west side.

Educational

- Milwaukee Area Technical College (MATC) – Multiple projects at Downtown Milwaukee, West Allis, Oak Creek, Mequon and Walker's Square campus locations.

- Badger Middle School – Addition and Remodel – West Bend WI
- Cuba City High School – Addition and Remodel – Cuba City, WI
- Creative Children's Academy – Palatine, IL

Retail

- Kohl's Department Stores – Multiple sites throughout the United States
- Roundy's Grocery Stores – Multiple sites in Wisconsin, Illinois and Minnesota
- Walgreen's Department Stores – Multiple sites in Wisconsin and Illinois
- Sears Department Stores, Stores throughout Wisconsin, Minnesota, and Illinois

Religious

- Missionary Benedictine Sisters – Norfolk, NE
- Mt. Sinai COGIC – Milwaukee, WI
- Still Waters Church – Jackson, WI

Commercial Office Buildings

- Refrigeration Systems Incorporated, Madison, WI
- Northern Advantage Job Center, Rhinelander, WI
- American Family Training Center, Madison, WI
- Bethesda Lutheran Homes and Services Corporate Office, Watertown, WI

Education: Bachelor of Science (B.S.) – Electrical Engineering, 1994
University of Wisconsin – Platteville

P.E. Registrations: (Currently at 33 states as of June 2015)

Wisconsin, Washington, Oklahoma, Arizona, Nebraska, Alabama, Georgia, Illinois, Indiana, Michigan, Missouri, Pennsylvania, Tennessee, Virginia, California, Colorado, Florida, Idaho, Iowa, Kansas, Louisiana, Minnesota, Nevada, New Mexico, New York, North Carolina, Ohio, South Dakota, Texas, Utah, Arkansas, North Dakota, Massachusetts

Previous Employers:

1. Czarnecki Engineering, Inc. - Pewaukee, Wisconsin
Title: Senior Project Manager
April 2000 to February 2008
2. Arnold and O'Sheridan Consulting Engineers – Brookfield, Wisconsin
Title: Electrical Design Engineer
May 1998 to April 2000
3. Metro Design Associates – Schaumburg, Illinois
Title: Electrical Engineer EIT
May 1994 to May 1998



SECTION 6 PROFESSIONAL REFERENCES



PROFESSIONAL REFERENCES

Leenn Butschlick

Director of Public Works
Shorewood, Wisconsin
p/ 414-847-2650
e/ lbutschlick@villageofshorewood.org

ARC-INT Architecture completed a facility study for yard reorganization at the Shorewood DPW along with the Sigma Group.

Mr. William Kern, PE

Jefferson County Highway Commissioner
Jefferson, Wisconsin
p/ 920-674-7392
e/ billk@co.jefferson.wi.us

Ryan was the lead designer and senior project manager for the design of a new 85,000 sf highway maintenance facility and associated accessory buildings.

Mr. Joe Kroll

County Engineer
Walworth County Department of Public Works
Elkhorn, Wisconsin
p/ 262-741-3441

Ryan completed a detailed facility study for the Department to construct a new maintenance facility, new cold storage buildings, and vehicle wash.

Mr. Matt King

Director of the Hunger Task Force FARM
Hunger Task Force of Milwaukee
Franklin, Wisconsin
p/ 414-238-6493
e/ matt.king@hungertaskforce.org

Larry Rocolo

Vice President
JP Cullen and Sons
Brookfield, Wisconsin
p/ 262-781-4100



SECTION 7 FEE PROPOSAL



FEE PROPOSAL

ARC-INT Architecture proposes to provide Professional Architecture and Engineering Services for the design of the Village of Brown Deer Department of Public Works Facility for the lump sum fee of **\$221,950**.

Please refer to the attached Fee Summary Matrix for a breakdown of fee by phase and discipline.

TERMS

1. For the purposes of this fee proposal we assume that the AIA Contract B101 - Standard Form of Agreement Between Owner and Architect will be used for the Owner-Architect contract.
2. Fees will be billed monthly on a percentage completion basis. Should additional services be requested and approved, ARC-INT Architecture's hourly billing rates are as follows:
 - Principal \$150 /hr
 - Architectural Designer / Drafter \$90 /hr
3. Reimbursable or out-of-pocket expenses may include:
 - State of Wisconsin Plan Review fees.
 - Out-of-house color printing or large format printing requested by the Owner.
 - Assistance with grant writing by a consultant experience with the process.
 - Expenses of additional insurance requirements beyond those carried by ARC-INT Architecture and its consultants.
5. Exclusions:
 - Design Services beyond the Basic Services listed in the RFP.
 - Additional work caused by project requirements which differs from the assumptions contained in this proposal and the Village of Brown Deer RFP, Memorandum dated 11/3/2015, and email correspondence from Matthew Maederer dated 11/12/2015.
 - Life-cycle cost analysis.
 - Out-of-house printing. We have included the printing of (1) full-sized set of the 90% Construction Documents (drawings and specifications) for Owner review.
 - Fees for plan review by jurisdictional authorities including the State of Wisconsin.
 - Site costs including ALTA/ACSM Land Title Surveys, Easement Documents, Wetland Delineation, and Geotechnical Investigation Services.
 - Environmental impact investigations and analysis.
 - Consulting engineering and design services beyond those listed in this RFP.
 - LEED or other sustainable design certification services and fees.
 - Non-standard construction elements such as green roofs, active solar technologies, etc.
 - Major design revisions after the start of the Construction Documents phase.

ASSUMPTIONS AND QUALIFICATIONS

1. Consultants under our contract are limited to those noted in this proposal. Additional consultants if necessary and request by the Village can be added as an Additional Service.
2. Our proposal covers Basic Services as outlined in the RFP and includes architectural design, interior design, civil, structural, plumbing, HVAC, lighting, and electrical engineering.
3. Our proposal covers site survey costs to be completed by The Sigma Group.
4. Our fees assume that this project will be constructed with a single bid package to a single General Contractor.

**VILLAGE OF BROWN DEER
NEW DEPARTMENT OF PUBLIC WORKS FACILITIES**

ARC-INT ARCHITECTURE

Fee Summary Matrix
11/20/2015

Consultant	Discipline	Pre-Design	Schematic Design	Design Development	Construction Documents	Bidding and Construction Administration	Total
Basic Services							
ARC-INT Architecture	Architecture and Interiors	\$5,400.00	\$16,200.00	\$21,600.00	\$37,800.00	\$27,000.00	\$108,000.00
The Sigma Group	Civil Engineering/Survey	\$1,250.00	\$3,750.00	\$5,000.00	\$8,750.00	\$6,250.00	\$25,000.00
New Eden Landscaping	Landscape Design	\$172.50	\$517.50	\$690.00	\$1,207.50	\$862.50	\$3,450.00
Moore Construction Services	Cost Estimating	-	\$1,600.00	\$2,400.00	-	-	\$4,000.00
Spire Engineering	Structural Engineering	\$1,300.00	\$3,900.00	\$5,200.00	\$9,100.00	\$6,500.00	\$26,000.00
The Matrix Group	Plumbing Engineering	\$750.00	\$2,250.00	\$3,000.00	\$5,250.00	\$3,750.00	\$15,000.00
The Matrix Group	HVAC Engineering	\$975.00	\$2,925.00	\$3,900.00	\$6,825.00	\$4,875.00	\$19,500.00
The Matrix Group	Electrical /Lighting Engineering	\$1,050.00	\$3,150.00	\$4,200.00	\$7,350.00	\$5,250.00	\$21,000.00
Total Basic Services		\$10,897.50	\$34,292.50	\$45,990.00	\$76,282.50	\$54,487.50	\$221,950.00



Thank you for the opportunity to submit this fee proposal. With a commitment to providing tailor-fit design solutions, effective project management, and budget conscious design decisions, our team has the proven experience necessary to help you create a lasting legacy of efficient operation. We look forward to providing the Village of Brown Deer with the high level of quality professional services that we have built our reputation on. Please feel free to contact me at any time with questions.

Ryan Thacker
Principal



REQUEST FOR CONSIDERATION

COMMITTEE:	Finance & Public Works, Village Board
ITEM DESCRIPTION:	Lawn Mower Equipment Replacement
PREPARED BY:	Matthew S. Maederer, PE, Director of Public Works/Village Engineer
REPORT DATE:	December 3, 2015
MANAGER'S REVIEW/COMMENTS:	<input type="checkbox"/> No additional comments to this report. <input type="checkbox"/> See additional comments attached.
RECOMMENDATION:	Approval for the purchase of a Toro P6000 60" Zero Turn "My Ride" System Lawn Mower & Toro 22" 20371 FWD HW w/ Rear Bagger Push Mower Not-To-Exceed \$10,290.
EXPLANATION:	<p>DPW is requesting the purchase of a new Toro 60" zero-turn riding lawn mower for use during the spring/summer/fall months to replace the existing Toro 72" 325D/4W riding lawn mower. The riding lawn mower is used primarily in the forestry/streets/stormwater division operations with cross over services with the Park & Rec Dept. The equipment is used on average weekly during the growing season (approx. 7-months).</p> <p>The current Toro 72" 355D/4W riding lawn mower was purchased in the year 2000 at a price of \$17,115 (including accessories).</p> <p>The riding lawn mower has an estimated life of 12-years according to the manufacturer. The existing unit will be 16-years old in 2016. Rising maintenance costs and reliability are concern with the existing unit especially considering the heavy use during the summer months (growing season).</p> <p>The existing equipment is in need of replacement for the following reasons:</p> <ul style="list-style-type: none">• Age• Rising maintenance costs• Exceeded useful life <p>The new riding lawn mower was budgeted as a 72-inch zero-turn. However, staff is requesting a smaller diameter deck (60") for efficiency reasons. In addition to the zero turn riding lawn mower staff is looking to add an additional push mower which will help turf maintenance operations, but end-up saving on the overall equipment purchase price-tag.</p>

For replacement DPW solicited quotes from two (2) vendors/dealers. The results are listed in the table below:

Vender/Dealer	Price
Toro/Gielow's	\$10,000.00
John Deere/Proven Power	\$8,750.28

***Additionally, DPW is requesting the purchase a new push mower (Toro 22" 20371 FWD HW w/ rear bagger) to supplement the existing Toro 22" push mower. The additional push mower comes at a cost of \$290.

FUNDING:

The lawn mower replacement was included in the 2016 CIP budget at a cost not-to-exceed \$25,000 (Project No. DPW/16/02) which will be paid for using existing fund balance. The equipment will be purchased out of Acct. No. 320-000-73-5-81-30.

Funding Summary:

Budget = \$25,000

Actual = \$10,290 (Toro riding lawn mower & push mower)

Balance = (\$14,710)*

*The balance will be re-applied to the fund balance for future equipment purchases.

CONCLUSION:

DPW staff (Director, Ops Supervisor, and Mechanic) is recommending the purchase of the Toro 60" zero turn riding lawn mower and Toro 22" push mower for the total price of \$10,290. The replacement units mirror the existing units which staff is currently comfortable and happy with from an operational stand-point.

Attachments:

- CIP Funding & Description
- Toro Quotes (2-total)
- John Deere Quote

FY 2016-2020 Capital Improvement Plan Project Description

Project #: DPW/16/02 **Department:** Public Works

Project Name: 72-inch Zero Turn Mower

Total Project Cost: \$25,000 **Estimated Life of Project:** 12-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$25,000	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Replacement riding lawn mower with 72" deck, and zero turning radius, etc. Replacement is requested due to the, rising maintenance costs, availability of parts, safety to public and laborers. The equipment will be purchased through a local retailer. At least three (3) quotes will be solicited for comparison purposes. The expected life of the requested equipment is 12 years. The existing mower is used weekly during the spring, summer, and fall months (i.e. 7-months of the year). The age of item to be replaced is 15 years in 2015. The annual maintenance costs are \$1,000 + labor due to the poor condition. The existing equipment will be auctioned using the State of Wisconsin surplus website. The estimated sold amount is \$5,000. The estimated cost of the new mower was determined from recent bid history for this type of equipment.

Project Justification: The equipment is critical equipment for spring, summer, and fall turf management operations.

Project Picture / Map:



Project Description	Project Number	2016 Total Project Cost	GO Debt	Property Tax Levy	Grants & Aids	TIF Funds	Fund Balance	Unfunded Requests
Available Funds			\$1,500,000	\$372,000			\$500,000	
Administration								
Misc. Receivables Software		\$10,785		\$10,785				
Fixed Asset Software		\$12,194						\$12,194
Human Resources Software		\$14,284						\$14,284
Work Order Software		\$12,284						\$12,284
Community Services								
Beaver Creek Floodplain Map Revision		\$15,000					\$15,000	
Park Plaza Court and Stormwater		\$450,000				\$450,000		
Buxton Retail Market Analysis		\$50,000				\$50,000		
Bradley Road (East) - Design		\$35,000	\$35,000					
Re-paving Program		\$300,000	\$300,000					
Crack sealing		\$10,000	\$10,000					
W. Fairy Chasm Rd. 51st-60th		\$400,000	\$400,000					
Sidewalk Connection Plan		\$150,000						\$150,000
Web Based GIS		\$50,000						\$50,000
Boundary Signs		\$10,000						\$10,000
Police Department								
Police Vehicles		\$130,000		\$130,000				
Pass Through Evidence Storage		\$24,000	\$24,000					
TASER Enhancement Program		\$13,000		\$13,000				
Body Worn Cameras		\$67,458						\$67,458
Computer Station Replacement		\$9,780						\$9,780
Celebrite		\$27,500						\$27,500
Police Bicycle Unit		\$5,840						\$5,840
Police Motorcycle Unit		\$52,629						\$52,629
Thermal Imaging Camera		\$6,600						\$6,600
Fire Department								
Annual contribution for capital		\$208,000	\$208,000					
Dispatch Center								
Annual contribution for capital		\$18,762	\$18,762					
Manager's Office								
Computer replacement program		\$7,000		\$7,000				
Roof Replacement on PD side		\$90,000	\$90,000					
Village Hall Parking Lot		\$40,000	\$40,000					
Network Fabric Sitch Replacement		\$21,560					\$21,560	
Email Server System		\$25,000					\$25,000	
Paperless Document Management		\$20,000						\$20,000
Library								
Window Replacement		\$32,222	\$32,222					
New Carpeting		\$77,220	\$77,220					
Express Self Service		\$111,200						\$111,200
Park and Recreation								
Fairy Chasm Tractor Replacement		\$10,000					\$10,000	
Village Park Roofing Projects		\$9,000	\$9,000					
Pond Lockers, Benches and Loungers		\$6,720						\$6,720
Wibit Obstacle		\$50,000						\$50,000
Public Works								
5 YD Truck Replacement		\$190,000		\$190,000				
72-in Zero Turn Mower		\$25,000					\$25,000	
Toolcat Replacement		\$65,000					\$65,000	
Skidsteer		\$65,000					\$65,000	
MC Overhead Doors / Ceiling tile replacement		\$135,000	\$135,000					
MC HVAC / Vehicle exhaust system		\$267,300	\$267,300					
MC Electrical		\$122,600	\$122,600					
Emerald Ash Borer Treatment		\$20,000		\$20,000				
Village Identification Signs		\$5,000	\$5,000					
Beautification Projects		\$5,000						\$5,000
Total								
		\$3,482,938	\$1,774,104	\$370,785	\$0	\$500,000	\$226,560	\$611,489
			(\$274,104)	\$1,215			\$551	

Matthew Maederer

From: Michael Gielow <gielows@sbcglobal.net>
Sent: Wednesday, October 7, 2015 3:19 PM
To: mechanic@browndeerwi.org
Subject: New 60" Mower Quote

Roger,

Per our conversation, here is a quote for a new Toro mower for the Village of Brown Deer:

1 - Toro P6000 Zero Turn mower with "My Ride" system, 25.5hp Kawasaki gas engine, and 60" Turbo Force mower deck.

\$12,699 Mower Sale Price

-\$2,699 Municipal Discount

\$10,000 Final Price Terms: Net 10EOM

Optional Accessories:

OCDC Discharge Kit \$349.99

DFS (Dump From Seat) Collection/Bagger System \$2,800.00

Cordially yours,

Michael P. Gielow
Sales Manager
Gielow's Lawn & Garden Equipment
6643 N. Teutonia Ave.
Milwaukee, WI 53209
(414) 352-2360
(414) 352-2361 fax

Matthew Maederer

From: Michael Gielow <gielows@sbcglobal.net>
Sent: Thursday, October 8, 2015 1:48 PM
To: mechanic@browndeerwi.org
Subject: Mower quote (2)

Roger,

Here is the quote for the 22" Toro mower I forgot the other day.

1 - Toro 20371 FWD HW mower with rear bagger \$290 (same price as June 2014)

Cordially,

Michael P. Gielow
Sales Manager
Gielow's Lawn & Garden Equipment
6643 N. Teutonia Ave.
Milwaukee, WI 53209
(414) 352-2360
(414) 352-2361 fax

Matthew Maederer

From: Bob Burmeister <bob.provenpower@gmail.com>
Sent: Friday, October 9, 2015 1:34 PM
To: Roger Johnson
Subject: Quote
Attachments: Village of Brown Deer Z950M.pdf

Hi Roger,

After reviewing the specs and recalling a situation we had with the Z930EFI (not having enough torque to operate the Vac system at it's fullest potential) I decided to quote the Z950M. I've sold many of these with the collection system and haven't had any concerns as to power and torque.

The 950 also has cross porting of the hydros which means no matter what type of incline you may be on the fluid remains at a constant level in both.

If interested the Mulch on Demand deck would increase the cost by roughly \$850.00. I'll make it a point to stop in next week to review any additional options with you.

Have a great weekend.

--

Bob Burmeister
Commercial Sales
Cell 262-649-6657



S65 W22065 National Ave
Waukesha WI 53189
262-679-0100

Quote Id: 12238819

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

Proven Power, Inc.
S65w22065 National Avenue
Waukesha, WI 531899660
262-679-0100
office@proven-power.com

Prepared For:

Village Of Brown Deer



Proposal For:

Delivering Dealer:

Bob Burmeister

Proven Power, Inc.
S65w22065 National Avenue
Waukesha, WI 531899660

office@proven-power.com

Quote Prepared By:

Bob Burmeister
bob.provenpower@gmail.com

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
 2000 John Deere Run
 Cary, NC 27513
 FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

Proven Power, Inc.
 S65w22065 National Avenue
 Waukesha, WI 531899660
 262-679-0100
 office@proven-power.com

Quote Summary

Prepared For:

Village Of Brown Deer
 4800 W Green Brook Dr
 Milwaukee, WI 53223

Delivering Dealer:

Proven Power, Inc.
 Bob Burmeister
 S65w22065 National Avenue
 Waukesha, WI 531899660
 Phone: 262-679-0100
 bob.provenpower@gmail.com

Quote ID: 12238819
Created On: 09 October 2015
Last Modified On: 09 October 2015
Expiration Date: 30 November 2015

Equipment Summary	Suggested List	Selling Price	Qty	=	Extended
JOHN DEERE Z950M Commercial ZTrak Contract: NJPA 070313-DAC Price Effective Date: October 9, 2015	\$ 11,364.00	\$ 8,750.28 X	1	=	\$ 8,750.28
JOHN DEERE 14 Bushel Dump From Seat Material Collection System (For 48 In./54 In./60 In./72 In. Z900 M/R Series Mowers including Mulch-On-Demand Decks) Contract: NJPA 070313-DAC Price Effective Date: October 9, 2015	\$ 3,429.39	\$ 2,640.63 X	1	=	\$ 2,640.63
Equipment Total					\$ 11,390.91

* Includes Fees and Non-contract items

Quote Summary

Equipment Total	\$ 11,390.91
Trade In	
SubTotal	\$ 11,390.91
Total	\$ 11,390.91
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 11,390.91

Salesperson : X _____

Accepted By : X _____

Selling Equipment

Quote Id: 12238819 Customer Name: VILLAGE OF BROWN DEER

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
 2000 John Deere Run
 Cary, NC 27513
 FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

Proven Power, Inc.
 S65w22065 National Avenue
 Waukesha, WI 531899660
 262-679-0100
 office@proven-power.com

JOHN DEERE Z950M Commercial ZTrak

Contract: NJPA 070313-DAC

Price Effective Date: October 9, 2015

Suggested List *

\$ 11,364.00

Selling Price *

\$ 8,750.28

* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
0691TC	Z950M Commercial ZTrak	1	\$ 10,889.00	23.00	\$ 2,504.47	\$ 8,384.53	\$ 8,384.53
Standard Options - Per Unit							
001A	United States and Canada	1	\$ 0.00	23.00	\$ 0.00	\$ 0.00	\$ 0.00
1036	24x12x12 Pneumatic Turf Tire for 54 In. and 60 In. Decks	1	\$ 0.00	23.00	\$ 0.00	\$ 0.00	\$ 0.00
1504	60 In. 7-Iron PRO Side Discharge Mower Deck	1	\$ 0.00	23.00	\$ 0.00	\$ 0.00	\$ 0.00
2002	Fully Adjustable Suspension Seat with Armrests	1	\$ 475.00	23.00	\$ 109.25	\$ 365.75	\$ 365.75
Standard Options Total			\$ 475.00		\$ 109.25	\$ 365.75	\$ 365.75
Suggested Price							\$ 8,750.28
Total Selling Price			\$ 11,364.00		\$ 2,613.72	\$ 8,750.28	\$ 8,750.28

JOHN DEERE 14 Bushel Dump From Seat Material Collection System (For

Contract: NJPA 070313-DAC

Price Effective Date: October 9, 2015

Suggested List *

\$ 3,429.39

Selling Price *

\$ 2,640.63

* Price per item - includes Fees and Non-contract items

Selling Equipment

Quote Id: 12238819 Customer Name: VILLAGE OF BROWN DEER

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
 2000 John Deere Run
 Cary, NC 27513
 FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

Proven Power, Inc.
 S65w22065 National Avenue
 Waukesha, WI 531899660
 262-679-0100
 office@proven-power.com

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
0787TC	14 Bushel Dump From Seat Material Collection System (For 48 In./54 In./60 In./72 In. Z900 M/R Series Mowers including Mulch-On-Demand Decks)	1	\$ 3,240.00	23.00	\$ 745.20	\$ 2,494.80	\$ 2,494.80
Standard Options - Per Unit							
001A	United States and Canada	1	\$ 0.00	23.00	\$ 0.00	\$ 0.00	\$ 0.00
1006	Attaching Parts for 60 In. 7-Iron PRO Decks	1	\$ 0.00	23.00	\$ 0.00	\$ 0.00	\$ 0.00
2000	7-Iron Blower for 7-Iron, 7-Iron PRO and 7-Iron PRO Mulch-On-Demand Decks	1	\$ 0.00	23.00	\$ 0.00	\$ 0.00	\$ 0.00
Standard Options Total			\$ 0.00		\$ 0.00	\$ 0.00	\$ 0.00
Dealer Attachments/Non-Contract/Open Market							
R66949	Quik-Tatch Weight, 42 Lb.	3	\$ 63.13	23.00	\$ 14.52	\$ 48.61	\$ 145.83
Dealer Attachments Total			\$ 63.13		\$ 14.52	\$ 48.61	\$ 145.83
Suggested Price							\$ 2,640.63
Total Selling Price			\$ 3,303.13		\$ 759.72	\$ 2,543.41	\$ 2,640.63

Quote ID :12238819Customer Name : VILLAGE OF BROWN DEER

Product features, prices and specifications are based on published information at the time of publication and are subject to change without notice. All trademarked terms, including John Deere, the leaping deer symbol and the colors green and yellow used herein are the property of Deere & Company, unless otherwise noted. Products, product features, and other content on this site may only be accurate for products marketed and sold in North America.

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File Created: 09-Oct-2015

2016 JOHN DEERE Z950M Commercial ZTrak

Key Features

Three-year bumper-to-bumper warranty



Z930M ZTrak Mower



Z970R ZTrak Mower

Base Equipment On: Z915B, Z920M, Z925M, Z930M, Z930M EFI, Z950M, Z960M, Z930R, Z950R, Z970R

B and M Series three-year/1200 hr bumper-to-bumper warranty

An exclusive two-year/unlimited hour, three-year/1200-hr (whichever comes first) bumper-to-bumper warranty is standard for all John Deere B and M Series Mowers. The warranty is best in class and places John Deere at the forefront of commercial mowing. It is also hassle free, with one company handling all of the paperwork.

36 months or 1200 hr, whichever comes first. First 24 months, no hour limitation.

Base Equipment On: Z915B, Z920M, Z925M, Z930M, Z930M EFI, Z950M, Z960M, Z930R, Z950R, Z970R

R Series three-year/1500 hr bumper-to-bumper warranty

An exclusive two-year/unlimited hour, three-year/1500-hr (whichever comes first) bumper-to-bumper warranty is standard on all John Deere R Series mowers. The warranty is best in the industry and puts John Deere at the forefront of commercial mowing. It is also hassle free, with one company handling all of the paperwork.

36 months or 1500 hr, whichever comes first. First 24 months, no hour limitation.

Base Equipment On: Z915B, Z920M, Z925M, Z930M, Z930M EFI, Z950M, Z960M, Z930R, Z950R, Z970R

Key Features

Quote ID :12238819Customer Name : VILLAGE OF BROWN DEER

Powerful 27-hp (20.1-kW) commercial grade engine delivers class-leading performance and efficiency

The Z950M and Z950R are powered by an air-cooled, vertical shaft engine:

- 27-hp (20.1-kW) gas engine

Engine features include:

- Overhead valve design
 - More horsepower and torque per cubic inch of displacement
 - Better fuel efficiency
- Full-pressure lubrication with full-flow filter
 - Reduces engine wear by ensuring proper lubrication, even when operating on hillsides or uneven terrain
 - Oil filter helps keep oil clean for increased engine life
- V-twin big block design
- Vertical shaft
- Easy-access dual element air filter with quick release latch
- 15-amp alternator
- Fuel pump
- Complies with strict EPA and CARB emission standards without loss of horsepower or torque
- Aluminum block engines
 - Effectively dissipate heat
 - Lightweight and strong construction
 - Extend engine life due to elimination of debilitating engine temperatures
- Air-cooled engine design



Z950M and Z950R engine

Base Equipment On: Z950M, Z950R

Key Features

Durable hydrostatic drive train that delivers better cooling and provides easy access

The hydrostatic drive features two 13-cc unitized hydraulic pumps combined with commercial-grade, heavy-duty wheel motors into a single unit.

Heavy-duty ground drive

Base Equipment On: Z915B, Z920M, Z925M, Z930M, Z930M EFI, Z950M, Z960M

One pump and one motor drive each wheel on the ZTrak B and M Series Mowers. This provides several benefits:

- Exceptional cooling in high load conditions
- Easy-to-check level and refill hydraulic oil
- Opens up access under the seat

Quote ID :12238819Customer Name : VILLAGE OF BROWN DEER

Base Equipment On: Z915B, Z920M, Z925M, Z930M, Z930M EFI, Z950M, Z960M

Design and functionality

Heavy-duty frame provides strength and durability

The durability features of the frame are as follows:

- Heavy-duty, thick-gauge steel channel mainframe for strength and durability
- Cast I-beam caster arms to handle the beating and pounding professional mowers receive
- Wide-open access for maintenance and cleaning



Z970R ZTrak™ Mower

Base Equipment On: Z915B, Z920M, Z925M, Z930M, Z930M EFI, Z950M, Z960M, Z930R, Z950R, Z970R

Design and functionality

Easy-to-operate height-of-cut adjustment enables on-the-go changes

An easy-to-use cutting-height lift system allows the operator to adjust the mower deck height with no tools and minimal effort. The easy-to-grip knob allows operation even with gloves or in wet conditions.

Cutting height can now be adjusted from approximately 1 in. to 5.5 in. (2.5 cm to 12.7 cm). Each increment on the knob adjusts the height of cut (HOC) approximately 0.25 in. (0.64 cm). The deck can also be raised and locked in a transport position to provide maximum ground clearance when moving the machine from one area to another.

The transport lock function allows the deck to be returned to the previous height of cut after being in the transport position:

- Foot lift with manual engage transport lock
 - Rotating knob adjustment from 1 in. to 5 in. (2.5 cm to 12.7 cm) in 0.25-in. (0.64 cm) increments
- This design increases productivity by allowing the change of cutting length without leaving the seat.

Quote ID :12238819Customer Name : VILLAGE OF BROWN DEER



Mower deck height adjustment knob

Base Equipment On: Z915B, Z920M, Z925M, Z930M, Z930M EFI, Z950M, Z960M, Z930R, Z950R, Z970R

Design and functionality

Easy to use hand parking brake

ZTrak™ Mowers do not have conventional brakes:

- Slowing down or stopping takes place by bringing the motion control levers to the neutral position.
- Parking brake handle and motion control levers are linked together. When the parking brake handle is pulled, it forces the motion control levers back into the neutral position.
- When the parking brake is locked, the control levers cannot be moved out of the neutral position.
- Release the parking brake by pulling up on the handle and then pushing on the button at the end of the handle until the brake releases.



Parking brake

Base Equipment On: Z915B, Z920M, Z925M, Z930M, Z930M EFI, Z950M, Z960M

Performance and drive train

Mow all day on a single tank of fuel with efficient and easy-to-fill fuel tank

The ZTrak™ Z900 Mowers are equipped with one single-fill, top-draw fuel tank:

- 11.5-U.S. gal. (43.5-L) capacity enables users to mow all day without refueling.
- Fuel gauge makes it quick and easy to see how much fuel is in the tank.

Quote ID :12238819Customer Name : VILLAGE OF BROWN DEER

- Top draw provides added safety.

Under normal conditions, load, and operation, fuel consumption for the Z900 ZTrak Mowers is 1.5 U.S. gph (5.7 L/hr) to 2.2 U.S. gph (8.3 L/hr), depending on the horsepower and conditions.



Fuel gauge and fill

Base Equipment On: Z915B, Z920M, Z925M, Z930M, Z930M EFI, Z950M, Z960M, Z930R, Z950R, Z970R

2015 JOHN DEERE 14 Bushel Dump From Seat Material Collection System (For 48 In./54 In./60 In./72 In. Z900 M/R Series Mowers including Mulch-On-Demand Decks)

Key Features

7-Iron™ blower



7-Iron blower



7-Iron blower open

NOTE: Currently, the 7-Iron blower is available for 7-Iron, 7-Iron II, and 7-Iron PRO mower decks.

The blower is constructed of 7-gauge, 0.179-in. (4.6-mm) steel, and the fan is made out of high-density polyethylene material.

- Fan will not corrode.
- Durable design resists wear and abrasion caused by stones and sand.
- Contoured intake boot is designed for superior ground clearance, clean appearance, and smooth grass flow into the blower.
- No tools are required to remove the blower assembly.
- Blower converts quickly to side-discharge mowing.
- Five-blade commercial-grade impeller is driven by a V-belt and sheave design mounted on the right deck spindle shaft.
- Computer-designed fan for dynamic balancing means smoother operation and less vibration.
- Blower housing is constructed of replaceable steel plates for increased durability.



7-Iron blower top view
with shield removed



7-Iron blower open with belt shields

The blower assembly is hinged on the interlocking pin system, allowing no-tool serviceability. The large commercial-grade impeller has a 14-in. (36-cm) diameter for consistent material flow.

The lighter-weight material provides better balance and reduced vibration for longer bearing life. The impeller rides on two commercial-grade sealed ball bearings.

Quote ID :12238819Customer Name : VILLAGE OF BROWN DEER



Five-blade commercial-grade impeller

The five-blade commercial-grade impeller is driven by a V-belt and sheave design mounted on the right deck spindle shaft:

- Large commercial-grade impeller has a 13.9-in. (35-cm) diameter for consistent material flow.
- Lighter-weight material provides better balance and reduced vibration for longer bearing life.
- Impeller rides on two commercial-grade sealed ball bearings.

Key Features

Fast no-tool removal and installation

Quick and simple attachment of the blower and hopper reduces time lost for disassembly and reassembly. This allows the operator to remove the entire collection system (mounting brackets are not included) quickly and easily when not needed (pictured on the 737 model).



Blower open



Blower open with shields



Blower open

The contoured chute handles large volumes of debris and reduces clogging.



Large-diameter, smooth-discharge chute

All hoppers can easily be removed from machines.

Quote ID :12238819Customer Name : VILLAGE OF BROWN DEER



Dump-from-seat removal



Dump-from-seat removal



REQUEST FOR CONSIDERATION

COMMITTEE:	Finance & Public Works, Village Board
ITEM DESCRIPTION:	Radio Upgrade & Purchase
PREPARED BY:	Matthew S. Maederer, PE, Director of Public Works/Village Engineer
REPORT DATE:	December 3, 2015
MANAGER'S REVIEW/COMMENTS:	<input type="checkbox"/> No additional comments to this report. <input type="checkbox"/> See additional comments attached.
RECOMMENDATION:	Approval for the Purchase of Twelve (12) Motorola APX4000 Portable Radios w/ Accessories Not-To-Exceed \$21,220.35.
EXPLANATION:	<p>Milwaukee County is upgrading the public safety radio system to an all-digital network. The old analog system will no longer be supported after 2016. Since DPW is a first responder we are required to upgrade our radio system to the new digital format along with the Police Department. Currently DPW only has analog radios and the digital switch requires the purchase of all new radios for employees. DPW will be purchasing one (1) portable unit for each employee (12-total). Originally we were looking at a combination of mobile and portable units. The mobile units would be mounted inside each of the trucks, but after discussion with staff regarding usability and flexibility we choose to stick with just one (1) portable per employee. We are also eliminating the base station unit to save on cost.</p> <p>Annual fees from Milwaukee County and any service agreement fees from Baycom (after the 1-year warranty period) will be paid for out of the DPW annual operations budget (Acct. No. 010-310-31-5-30-20 – Communications within the Administration division). The annual communications operation budget is \$3,500. The budget will have to be reevaluated every year because the Milwaukee County fee structure has an escalator.</p>
FUNDING:	<p>The radio upgrade & purchase was included in the 2016 CIP budget at a cost not-to-exceed \$25,000 (Project No. DPW/16/08) which will be paid for using existing fund balance. The equipment will be purchased out of Acct. No. 320-000-73-5-81-30.</p> <p><u>Funding Summary:</u> Budget = \$25,000 <u>Actual = \$21,220.35</u> Balance = (\$3,779.65)*</p> <p>*The balance will be re-applied to the fund balance for future equipment purchases.</p>

CONCLUSION:

DPW staff (Director & Ops Supervisor) is recommending the purchase of the twelve (12) Motorola APX4000 portable radios w/ accessories not-to-exceed \$21,220.35.

Attachments:

- CIP Item Description
- Baycom Quote

FY 2016-2020 Capital Improvement Plan Project Description

Project #: DPW/16/08 **Department:** Public Works

Project Name: Radio Upgrade (Digital)

Total Project Cost: \$25,266 **Estimated Life of Project:** 15-years

Expenditure Detail:

Year	2016	2017	2018	2019	2020
Budget	\$25,266	\$	\$	\$	\$

Funding Sources: Levy Debt Grant Donations Fund Balance

Project Description: Milwaukee County is upgrading the public safety radio system to an all-digital network. The old analogue system will no longer be supported after 2016. Since DPW is a first responder we are required to upgrade our radio system to the new digital format along with the Police Department. Currently DPW only has analogue radios and the digital switch requires the purchase of all new radios for employees. DPW will be purchasing a combination of mobile units and portable units.

Project Justification: The radio upgrade is mandated by Milwaukee County and WisCOM.

Project Picture / Map:





serious mobility
when it matters most

Dave Feiler
11408 W. Lincoln Avenue
West Allis, WI 53227
D: 414-546-7625
C: 262-989-1310
dfeiler@baycominc.com

Village of Brown Deer
Department of Public Works
Attn: Dan Bishop

10/26/2015
REVISION 6

SUBJECT: MKE County Radio System Upgrade 01142015 Revised 10262015

PRICING AND FINANCIAL OPTIONS SPECIFIC TO THIS OFFERING:
EQUIPMENT DETAILS AND PRICING

QTY	MODEL AND DESCRIPTION	UNIT PRICE	TOTAL PRICE
12	H51UCF9PW6AN / APX4000 Portable Radio	\$700.00	\$8,400.00
12	QA02756 / Trunking - P25 System	\$785.00	\$9,420.00
12	QA01767 / P25 Radio Authentication	\$50.00	\$600.00
12	H122 / Stubby Antenna	\$12.00	\$144.00
12	QA01648 / Advanced System Key - Hardware	\$2.50	\$30.00
12	QA04865 / Two Knob Configuration	\$0.00	\$0.00
8	PMMN4069A / Remote Spkr Mic with Audio Jack	\$48.50	\$388.00
12	SVC03SVC0123D / programming / P25 MKE	\$59.00	\$708.00
1	SVC03SVC0123D / Template Fee for P25	\$613.35	\$613.35
2	WPLN4232A / Single Unit Charger	\$31.50	\$63.00
2	WPLN4219 / Multi Unit Charger w/ Display	\$325.00	\$650.00
4	NNTN8128B / Spare Battery	\$51.00	\$204.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00

Baycom will invoice separately for original to Analog System = \$ 64.00@ x 12 = \$ 768.00

	EQUIPMENT COST:	\$21,220.35
All equipment pricing reflects Milwaukee County Contract pricing - valid until 12/31/2017.	SHIPPING:	\$0.00
	PURCHASE PRICE:	\$21,220.35

Payment With Order: NET 10 Days

Approved By:
Your Signature Is An Agreement To Purchase And An Acceptance Of The Above Terms
All of the information listed on this proposal is confidential and proprietary information.
If You Have Any Questions Please Contact Dave Feiler at 414-546-7625.

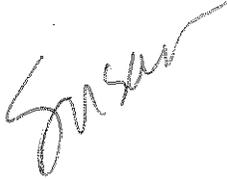
Signature: _____

Date: _____





REQUEST FOR CONSIDERATION

COMMITTEE:	Finance/Public Works Committee
ITEM DESCRIPTION:	October 2015 Financial Report
PREPARED BY:	Susan L Hudson, Treasurer / Comptroller 
REPORT DATE:	December 4, 2015
MANAGER'S REVIEW/COMMENTS:	<input checked="" type="checkbox"/> No additional comments to this report. <input type="checkbox"/> See additional comments attached.
RECOMMENDATION:	For Information Purposes
EXPLANATION:	<p>Attached is the Revenue and Expenditure Report as of October 31, 2015.</p> <p>Columns one and two compare activity for October 2014 and October 2015. Column three is the YTD balance as of October 31, 2015 Column four is 2015 Budget Amount Column five is Available Balance Column six is percentage of Budget used</p> <p>Here are the top three Financial Highlights from the month of October 2015:</p> <ol style="list-style-type: none">1. As of October 31, 2015 the following revenues have exceeded what we budget: Computer Exemption (\$27,061), Court Fines & Penalties (\$52,804.27), Alarm Fees (\$11,500), Rent Income (\$56,793) and Equipment Sales (\$28,786).2. At the end of October the General Fund has received 94.51% of its revenue.3. At the end of October the General Fund has spent 87.88% of its expenditures. <p>Please feel free to contact me if you have any questions or concerns.</p>

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 010 - General Fund							
Revenues							
010-000-11-4-00-10	General Property Taxes	0.00	0.00	6,246,057.00	6,246,057.00	0.00	100.00
010-000-12-4-00-10	Hotel Room Taxes	99,106.81	42,243.65	436,250.60	500,000.00	63,749.40	87.25
010-000-13-4-00-10	Payments In Lieu of Taxes	0.00	0.00	3,000.00	290,000.00	287,000.00	1.03
010-000-34-4-00-10	Shared Revenue	0.00	0.00	28,252.22	188,348.00	160,095.78	15.00
010-000-34-4-00-20	Fire Dues	0.00	0.00	33,275.31	34,883.00	1,607.69	95.39
010-000-34-4-00-30	Computer Exemptions	0.00	0.00	469,989.00	442,928.00	(27,061.00)	106.11
010-000-34-4-00-40	Expenditure Restraint	0.00	0.00	248,650.07	248,650.00	(0.07)	100.00
010-000-35-4-20-00	Public Safety	0.00	0.00	4,320.00	4,000.00	(320.00)	108.00
010-000-35-4-30-10	Transportation Aids	101,109.12	105,485.05	421,940.20	422,758.00	817.80	99.81
010-000-41-4-10-10	Liquor & Malt Beverage	0.00	10.00	12,620.00	11,500.00	(1,120.00)	109.74
010-000-41-4-20-10	Bartender	0.00	210.00	4,130.00	5,000.00	870.00	82.60
010-000-41-4-20-15	Cigarette	0.00	0.00	400.00	450.00	50.00	88.89
010-000-41-4-20-20	Soda Water	30.00	15.00	1,335.00	1,500.00	165.00	89.00
010-000-41-4-20-30	Peddling & Other	160.00	0.00	4,960.00	6,500.00	1,540.00	76.31
010-000-41-4-20-40	Cable Franchise Fees	0.00	24,612.54	123,134.26	160,265.00	37,130.74	76.83
010-000-42-4-00-10	Bicycle	0.00	0.00	28.00	20.00	(8.00)	140.00
010-000-42-4-00-20	Dog/Cat Licenses	143.00	49.00	4,513.15	6,000.00	1,486.85	75.22
010-000-43-4-00-10	Building	35,542.86	2,862.78	140,428.06	140,000.00	(428.06)	100.31
010-000-43-4-00-20	Electrical	1,403.50	2,030.00	27,391.70	25,000.00	(2,391.70)	109.57
010-000-43-4-00-30	Plumbing	744.00	696.00	6,690.00	11,000.00	4,310.00	60.82
010-000-43-4-00-40	Heating & A/C	4,418.40	5,281.33	32,493.85	23,000.00	(9,493.85)	141.28
010-000-44-4-00-10	Zoning Application Fees	50.00	0.00	3,475.00	4,500.00	1,025.00	77.22
010-000-44-4-00-20	Board of Appeals	0.00	0.00	1,050.00	250.00	(800.00)	420.00
010-000-44-4-00-30	Building Board Fee	120.00	120.00	1,020.00	1,000.00	(20.00)	102.00

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
010-000-49-4-20-10	Compliance Certificates	1,200.00	0.00	13,200.00	19,000.00	5,800.00	69.47
010-000-49-4-20-20	Miscellaneous Permits	0.00	75.00	880.00	2,000.00	1,120.00	44.00
010-000-49-4-30-10	Block Party Permits	0.00	0.00	0.00	50.00	50.00	0.00
010-000-49-4-30-20	R-O-W Permits	1,281.00	0.00	17,682.30	10,000.00	(7,682.30)	176.82
010-000-51-4-00-10	Court Fines & Penalties	0.00	1,717.60	252,804.27	200,000.00	(52,804.27)	126.40
010-000-51-4-00-11	Parking Fees	2,779.00	1,813.00	29,639.71	40,000.00	10,360.29	74.10
010-000-61-4-10-10	Photocopies	0.00	4.00	18.25	250.00	231.75	7.30
010-000-61-4-10-20	Property Information Certif	95.00	80.00	925.00	1,000.00	75.00	92.50
010-000-61-4-10-25	Prop Info Certificate-Reserved	50.00	40.00	430.00	500.00	70.00	86.00
010-000-61-4-10-50	Other Charges	0.00	0.00	45.00	0.00	(45.00)	100.00
010-000-62-4-10-10	Photocopies	128.50	125.75	1,106.25	2,000.00	893.75	55.31
010-000-62-4-10-15	Alarm fees	5,170.00	7,950.00	15,500.00	4,000.00	(11,500.00)	387.50
010-000-62-4-10-30	Fingerprints/Misc	343.45	95.00	4,857.21	3,000.00	(1,857.21)	161.91
010-000-63-4-00-20	DPW Services	1,078.90	745.00	1,145.00	500.00	(645.00)	229.00
010-000-73-4-20-60	Municipal Range Usage Fees	0.00	0.00	2,000.00	2,000.00	0.00	100.00
010-000-73-4-50-50	Rent Income	0.00	0.00	45,557.00	39,021.00	(6,536.00)	116.75
010-000-74-4-10-10	TIF Administration	0.00	0.00	109,202.00	132,100.00	22,898.00	82.67
010-000-74-4-10-20	Engineering & Administration	0.00	0.00	104,923.00	99,400.00	(5,523.00)	105.56
010-000-74-4-10-30	Miscellaneous Charges	0.00	0.00	192,091.00	188,300.00	(3,791.00)	102.01
010-000-74-4-20-40	Street Lighting Admin	0.00	0.00	3,000.00	3,000.00	0.00	100.00
010-000-74-4-40-10	Admin, Labor & Benefits-SEWER	0.00	0.00	88,393.00	93,810.00	5,417.00	94.23
010-000-74-4-40-20	Equipment & Materials	0.00	0.00	0.00	5,000.00	5,000.00	0.00
010-000-74-4-41-10	Admin, Labor & Benefits-STORM	0.00	0.00	61,684.00	47,800.00	(13,884.00)	129.05
010-000-74-4-41-20	Equipment & Materials	0.00	0.00	0.00	7,300.00	7,300.00	0.00
010-000-74-4-42-10	Admin, Labor & Benefits-WATER	0.00	0.00	0.00	65,310.00	65,310.00	0.00
010-000-74-4-42-20	Equipment & Materials	0.00	0.00	0.00	350.00	350.00	0.00
010-000-74-4-43-10	Admin, Labor and Benefits	0.00	0.00	26,489.00	23,850.00	(2,639.00)	111.06

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
010-000-74-4-43-20	Equipment & Materials-RECYCLIN	0.00	0.00	0.00	8,500.00	8,500.00	0.00
010-000-81-4-00-10	Investment Interest	10,661.35	0.00	2,116.90	45,000.00	42,883.10	4.70
010-000-81-4-00-20	Interest-Delinquent Taxes	0.00	0.00	21,589.44	25,000.00	3,410.56	86.36
010-000-82-4-00-10	Rent Income	0.00	2,324.99	60,750.69	10,494.00	(50,256.69)	578.91
010-000-82-4-00-20	Insurance Dividends	0.00	0.00	0.00	30,000.00	30,000.00	0.00
010-000-82-4-00-50	Miscellaneous Revenue	40.01	1,135.39	2,357.93	3,000.00	642.07	78.60
010-000-83-4-00-10	Equipment Sales	4,000.00	0.00	28,786.01	0.00	(28,786.01)	100.00
010-000-83-4-00-20	Advertising Sales-BD Magazine	0.00	0.00	16,569.50	20,000.00	3,430.50	82.85
010-000-84-4-00-50	Damage to/Loss of Property	0.00	0.00	2,640.53	0.00	(2,640.53)	100.00
TOTAL Revenues		269,654.90	199,721.08	9,361,786.41	9,905,144.00	543,357.59	94.51
Expenditures							
000-00		(214.08)	(215.19)	(1,493.13)	0.00	1,493.13	100.00
110-11	VILLAGE BOARD	2,422.12	2,422.12	29,395.65	38,771.00	9,375.35	75.82
120-12	MUNICIPAL COURT	16,918.77	19,782.43	114,489.13	110,633.00	(3,856.13)	103.49
130-13	LEGAL SERVICES	11,398.00	0.00	89,583.44	128,683.00	39,099.56	69.62
140-14	VILLAGE MANAGER	35,732.22	39,718.99	279,402.82	353,904.00	74,501.18	78.95
141-14	VILLAGE MNGER - PERSONNEL ADMINIST	(2,474.00)	0.00	1,879.40	12,500.00	10,620.60	15.04
142-14	ELECTIONS	134.42	7,215.00	16,525.75	12,500.00	(4,025.75)	132.21
150-15	ADMINISTRATIVE SERVICES	25,157.04	23,697.85	233,542.20	315,022.00	81,479.80	74.14
151-15	ASSESSOR	2,273.24	1,414.55	146,405.94	25,000.00	(121,405.94)	585.62
191-14	OTHER GENERAL GOVERNMENT	4,035.91	6,260.08	94,234.42	137,780.00	43,545.58	68.39
192-14	INFORMATION TECHNOLOGY	0.00	0.00	2,747.31	15,180.00	12,432.69	18.10
193-41	INTERGOVERNMENTAL EXP.	0.00	3,759.08	137,714.44	140,932.00	3,217.56	97.72
194-51	HISTORICAL SOCIETY	33.52	0.00	959.52	500.00	(459.52)	191.90
195-18	PERSONNEL POST-EMPLOYMENT	(5,220.22)	1,773.03	18,274.93	29,450.00	11,175.07	62.05

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
195-28	Other General Government	60.00	177.35	3,121.17	2,000.00	(1,121.17)	156.06
199-15	UNCLASSIFIED GEN GOV	0.00	0.00	3,256.79	4,000.00	743.21	81.42
199-19	PROPERTY INSURANCE	30,779.00	0.00	194,394.00	153,700.00	(40,694.00)	126.48
199-92	OTHER FINANCING USES	0.00	0.00	90,000.00	90,000.00	0.00	100.00
210-21	POLICE DEPARTMENT	401,384.48	403,889.72	2,986,181.50	3,709,106.00	722,924.50	80.51
220-22	FIRE DEPARTMENT - EG	20.77	0.00	2,130,377.49	2,131,939.00	1,561.51	99.93
230-23	DISPATCH SERVICES	264,309.74	89,746.53	407,322.59	399,681.00	(7,641.59)	101.91
310-31	PUBLIC WORKS ADMINISTRATION	13,652.04	20,537.69	162,464.93	209,403.00	46,938.07	77.58
311-33	DPW STREETS/TRAFFIC OPERATIONS	22,004.32	23,402.93	124,057.55	189,508.00	65,450.45	65.46
312-34	DPW SIDEWALK MAINTENANCE	0.00	0.00	2,478.60	3,638.00	1,159.40	68.13
313-33	DPW WINTER OPERATIONS	6,580.94	13,522.23	137,695.43	173,718.00	36,022.57	79.26
317-61	DPW FORESTRY OPERATIONS	1,326.14	12,287.76	125,431.14	77,018.00	(48,413.14)	162.86
319-16	DPW MUNICIPAL COMPLEX	1,431.95	752.95	17,863.28	34,480.00	16,616.72	51.81
319-33	DPW MUNICIPAL COMPLEX	28,750.53	15,404.36	152,220.24	240,053.00	87,832.76	63.41
320-36	DPW REFUSE	32,133.55	15,966.04	343,885.84	397,057.00	53,171.16	86.61
360-31	COMMUNITY DEVELOPMENT	43,396.44	35,430.81	330,757.86	406,350.00	75,592.14	81.40
361-16	VILLAGE HALL	23,410.71	32,919.70	160,776.78	150,485.00	(10,291.78)	106.84
530-53	PARK & RECREATION	22,340.43	22,574.73	168,916.90	212,153.00	43,236.10	79.62
TOTAL Expenditures		981,777.98	792,440.74	8,704,863.91	9,905,144.00	1,200,280.09	87.88
Fund 010 - General Fund:							
TOTAL REVENUES		269,654.90	199,721.08	9,361,786.41	9,905,144.00	543,357.59	94.51
TOTAL EXPENDITURES		981,777.98	792,440.74	8,704,863.91	9,905,144.00	1,200,280.09	87.88
NET OF REVENUES & EXPENDITURES		(712,123.08)	(592,719.66)	656,922.50	0.00	(656,922.50)	100.00
BEG. FUND BALANCE				4,571,346.94	4,571,346.94		
FUND BALANCE ADJUSTMENTS				1,574.08			
END FUND BALANCE				5,229,843.52	4,571,346.94		

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GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 020 - Donation Fund							
Revenues							
020-000-85-4-20-20	Donations - K9	0.00	0.00	590.00	0.00	(590.00)	100.00
020-000-85-4-20-30	Donations - Police Save a Life Tour	0.00	0.00	300.00	0.00	(300.00)	100.00
TOTAL Revenues		0.00	0.00	890.00	0.00	(890.00)	100.00
Expenditures							
000-21	TAXES RECEIVABLES	1,141.15	821.06	3,562.02	0.00	(3,562.02)	100.00
TOTAL Expenditures		1,141.15	821.06	3,562.02	0.00	(3,562.02)	100.00
Fund 020 - Donation Fund:							
TOTAL REVENUES		0.00	0.00	890.00	0.00	(890.00)	100.00
TOTAL EXPENDITURES		1,141.15	821.06	3,562.02	0.00	(3,562.02)	100.00
NET OF REVENUES & EXPENDITURES		(1,141.15)	(821.06)	(2,672.02)	0.00	2,672.02	100.00
BEG. FUND BALANCE				17,946.45	17,946.45		
END FUND BALANCE				15,274.43	17,946.45		
Fund 120 - PD Asset Forfeiture							
Revenues							
120-000-81-4-00-10	Investment Interest	29.00	0.00	18.00	0.00	(18.00)	100.00
TOTAL Revenues		29.00	0.00	18.00	0.00	(18.00)	100.00

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GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Expenditures							
000-21	TAXES RECEIVABLES	0.00	0.00	3,504.00	0.00	(3,504.00)	100.00
TOTAL Expenditures		0.00	0.00	3,504.00	0.00	(3,504.00)	100.00
Fund 120 - PD Asset Forfeiture:							
TOTAL REVENUES		29.00	0.00	18.00	0.00	(18.00)	100.00
TOTAL EXPENDITURES		0.00	0.00	3,504.00	0.00	(3,504.00)	100.00
NET OF REVENUES & EXPENDITURES		29.00	0.00	(3,486.00)	0.00	3,486.00	100.00
BEG. FUND BALANCE				15,491.12	15,491.12		
END FUND BALANCE				12,005.12	15,491.12		
Fund 135 - Recycling Fund							
Revenues							
135-000-35-4-40-10	Recycling Grant	0.00	0.00	43,768.74	40,000.00	(3,768.74)	109.42
135-000-64-4-20-10	Recycling Charges	0.00	0.00	331,280.00	332,560.00	1,280.00	99.62
135-000-64-4-20-15	Recycling Cart Purchases	172.70	0.00	1,601.40	200.00	(1,401.40)	800.70
135-000-64-4-20-20	Sale of Materials	1,175.24	555.44	4,851.95	15,000.00	10,148.05	32.35
135-000-81-4-00-10	Investment Interest	1,115.00	0.00	723.00	0.00	(723.00)	100.00
135-000-82-4-00-50	Miscellaneous Revenue	250.00	120.00	2,260.00	2,500.00	240.00	90.40
TOTAL Revenues		2,712.94	675.44	384,485.09	390,260.00	5,774.91	98.52
Expenditures							
320-36	DPW REFUSE	25,422.19	26,226.42	217,314.64	347,937.00	130,622.36	62.46
TOTAL Expenditures		25,422.19	26,226.42	217,314.64	347,937.00	130,622.36	62.46

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GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 135 - Recycling Fund:							
	TOTAL REVENUES	2,712.94	675.44	384,485.09	390,260.00	5,774.91	98.52
	TOTAL EXPENDITURES	25,422.19	26,226.42	217,314.64	347,937.00	130,622.36	62.46
	NET OF REVENUES & EXPENDITURES	(22,709.25)	(25,550.98)	167,170.45	42,323.00	(124,847.45)	394.99
	BEG. FUND BALANCE			513,112.16	513,112.16		
	END FUND BALANCE			680,282.61	555,435.16		
Fund 140 - North Shore Health Dept							
Revenues							
140-000-49-4-20-30	Permits	438.00	175.00	100,388.00	104,974.00	4,586.00	95.63
140-000-65-4-10-13	Clinic Fees	6,230.00	3,380.00	10,754.40	19,255.00	8,500.60	55.85
140-000-73-4-50-10	Bayside Contribution	6,560.75	6,560.75	26,243.00	26,243.00	0.00	100.00
140-000-73-4-50-20	Brown Deer Contribution	0.00	0.00	125,932.00	125,932.00	0.00	100.00
140-000-73-4-50-30	Fox Point Contribution	6,800.00	6,800.00	27,200.00	27,200.00	0.00	100.00
140-000-73-4-50-40	Glendale Contribution	16,132.00	0.00	48,396.00	64,528.00	16,132.00	75.00
140-000-73-4-50-50	River Hills Contribution	2,309.50	2,309.50	9,238.00	9,238.00	0.00	100.00
140-000-73-4-50-70	Shorewood contribution	0.00	0.00	96,303.75	128,405.00	32,101.25	75.00
140-000-73-4-50-80	Whitefish Bay contribution	16,510.00	16,510.00	66,040.00	66,040.00	0.00	100.00
140-000-73-4-50-85	TB Dispensary	346.25	0.00	1,969.94	350.00	(1,619.94)	562.84
140-000-73-4-50-90	TB Dispensary Medicaid	(327.29)	268.60	2,062.52	0.00	(2,062.52)	100.00
140-000-74-4-10-10	Interdepartmental Grant Fund	0.00	0.00	13,290.00	13,640.00	350.00	97.43
140-000-81-4-00-10	Investment Interest	237.00	0.00	67.00	0.00	(67.00)	100.00
140-000-85-4-40-10	Donations - NSHD	10.00	55.00	659.00	0.00	(659.00)	100.00
	TOTAL Revenues	55,246.21	36,058.85	528,543.61	585,805.00	57,261.39	90.23

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GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Expenditures							
410-41		50,892.59	54,124.77	361,874.51	482,846.00	120,971.49	74.95
411-41		10,586.48	10,392.47	84,332.56	102,959.00	18,626.44	81.91
TOTAL Expenditures		61,479.07	64,517.24	446,207.07	585,805.00	139,597.93	76.17
Fund 140 - North Shore Health Dept:							
TOTAL REVENUES		55,246.21	36,058.85	528,543.61	585,805.00	57,261.39	90.23
TOTAL EXPENDITURES		61,479.07	64,517.24	446,207.07	585,805.00	139,597.93	76.17
NET OF REVENUES & EXPENDITURES		(6,232.86)	(28,458.39)	82,336.54	0.00	(82,336.54)	100.00
BEG. FUND BALANCE				33,698.59	33,698.59		
END FUND BALANCE				116,035.13	33,698.59		
Fund 141 - NSHD Grant Fund							
Revenues							
141-000-35-4-50-10	MCH-Maternal/Child Health	0.00	0.00	7,190.00	16,678.00	9,488.00	43.11
141-000-35-4-50-15	Immunization Grant	0.00	0.00	5,673.00	15,884.00	10,211.00	35.72
141-000-35-4-50-20	Prevention Grant	0.00	0.00	1,872.00	4,005.00	2,133.00	46.74
141-000-35-4-50-45	Public Health Preparedness	19,283.00	0.00	55,300.94	77,131.00	21,830.06	71.70
141-000-35-4-50-47	CRI NSHD	4,163.00	0.00	13,449.39	16,650.00	3,200.61	80.78
141-000-35-4-50-49	Lead	0.00	0.00	1,266.00	2,552.00	1,286.00	49.61
141-000-35-4-50-50	Environmental Consortia-Radon	0.00	0.00	2,231.00	3,500.00	1,269.00	63.74
141-000-35-4-50-66	HCR Infrastructure Grant	(1,334.00)	0.00	8,950.00	0.00	(8,950.00)	100.00
141-000-35-4-50-70	Beach Water Grant	2,450.00	4,000.00	4,000.00	0.00	(4,000.00)	100.00
TOTAL Revenues		24,562.00	4,000.00	99,932.33	136,400.00	36,467.67	73.26

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GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Expenditures							
421-41	MCH	544.76	998.89	10,653.29	16,678.00	6,024.71	63.88
422-41	IMM GRANT	199.83	1,820.60	5,967.48	15,884.00	9,916.52	37.57
423-41	PREVENTION	0.00	0.00	8,734.58	4,005.00	(4,729.58)	218.09
442-41	PHP Preparedness	5,383.51	3,767.11	65,087.78	77,131.00	12,043.22	84.39
445-41	Enviro Cons/Radon	0.00	246.27	3,342.56	0.00	(3,342.56)	100.00
448-41	Beach Water	2,450.00	84.13	790.14	0.00	(790.14)	100.00
450-41	Preparedness CRI	0.00	1,470.66	3,508.12	16,650.00	13,141.88	21.07
452-41	LEAD	1,214.66	299.95	1,629.11	2,552.00	922.89	63.84
456-41	Ebola Grant	0.00	162.08	2,649.32	0.00	(2,649.32)	100.00
457-41	HBI Grant	0.00	0.00	1,699.23	0.00	(1,699.23)	100.00
TOTAL Expenditures		9,792.76	8,849.69	104,061.61	132,900.00	28,838.39	78.30
Fund 141 - NSHD Grant Fund:							
TOTAL REVENUES		24,562.00	4,000.00	99,932.33	136,400.00	36,467.67	73.26
TOTAL EXPENDITURES		9,792.76	8,849.69	104,061.61	132,900.00	28,838.39	78.30
NET OF REVENUES & EXPENDITURES		14,769.24	(4,849.69)	(4,129.28)	3,500.00	7,629.28	117.98
BEG. FUND BALANCE				(0.72)	(0.72)		
END FUND BALANCE				(4,130.00)	3,499.28		
Fund 151 - Library Fund							
Revenues							
151-000-11-4-00-10	General Property Taxes	0.00	0.00	385,346.00	385,346.00	0.00	100.00
151-000-67-4-10-10	Photocopies	304.62	424.75	6,476.78	5,500.00	(976.78)	117.76
151-000-67-4-10-20	Library-Fines	1,831.07	1,621.41	13,302.43	15,000.00	1,697.57	88.68
151-000-67-4-10-30	Sale of Materials	13.30	92.05	1,184.02	900.00	(284.02)	131.56

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151-000-67-4-10-40	Lost Material Charges	128.99	281.50	1,549.78	1,500.00	(49.78)	103.32
151-000-67-4-10-90	Miscellaneous Charges	233.10	307.00	3,412.80	2,000.00	(1,412.80)	170.64
151-000-73-4-60-10	MCFLS-Reciprocal Borrowing	0.00	0.00	97,010.00	96,852.00	(158.00)	100.16
151-000-81-4-00-10	Investment Interest	343.00	0.00	142.00	2,500.00	2,358.00	5.68
151-000-82-4-00-10	Rent Income	0.00	0.00	13,750.00	33,000.00	19,250.00	41.67
151-000-85-4-50-10	Donations - Library	0.00	165.00	13,222.18	8,000.00	(5,222.18)	165.28
TOTAL Revenues		2,854.08	2,891.71	535,395.99	550,598.00	15,202.01	97.24
Expenditures							
510-51	92400	42,877.50	42,662.21	339,341.94	426,945.00	87,603.06	79.48
511-51		4,492.09	11,959.68	67,506.27	71,350.00	3,843.73	94.61
512-51		1,507.83	2,960.22	40,589.90	36,800.00	(3,789.90)	110.30
TOTAL Expenditures		48,877.42	57,582.11	447,438.11	535,095.00	87,656.89	83.62
Fund 151 - Library Fund:							
TOTAL REVENUES		2,854.08	2,891.71	535,395.99	550,598.00	15,202.01	97.24
TOTAL EXPENDITURES		48,877.42	57,582.11	447,438.11	535,095.00	87,656.89	83.62
NET OF REVENUES & EXPENDITURES		(46,023.34)	(54,690.40)	87,957.88	15,503.00	(72,454.88)	567.36
BEG. FUND BALANCE				64,687.91	64,687.91		
END FUND BALANCE				152,645.79	80,190.91		
Fund 152 - Village Park & Pond Fund							
Revenues							
152-000-11-4-00-10	General Property Taxes	0.00	0.00	47,500.00	47,500.00	0.00	100.00
152-000-67-4-20-10	Fairy Chasm Park Permits	0.00	0.00	1,400.00	1,500.00	100.00	93.33

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152-000-67-4-20-20	Village Park Permits	0.00	0.00	4,991.62	4,785.00	(206.62)	104.32
152-000-67-4-20-50	Other Charges	0.00	0.00	655.00	500.00	(155.00)	131.00
152-000-67-4-34-10	Pond Admissions	0.00	0.00	15,347.11	15,700.00	352.89	97.75
152-000-67-4-34-20	Pond Memberships	0.00	0.00	1,918.00	5,200.00	3,282.00	36.88
152-000-67-4-34-30	Concession Sales	0.00	0.00	4,940.20	7,500.00	2,559.80	65.87
152-000-81-4-00-10	Investment Interest	68.00	0.00	45.00	300.00	255.00	15.00
TOTAL Revenues		68.00	0.00	76,796.93	82,985.00	6,188.07	92.54
Expenditures							
520-52		2,880.00	388.79	62,417.50	70,501.00	8,083.50	88.53
521-52		294.80	1,614.57	10,980.49	14,048.00	3,067.51	78.16
TOTAL Expenditures		3,174.80	2,003.36	73,397.99	84,549.00	11,151.01	86.81
Fund 152 - Village Park & Pond Fund:							
TOTAL REVENUES		68.00	0.00	76,796.93	82,985.00	6,188.07	92.54
TOTAL EXPENDITURES		3,174.80	2,003.36	73,397.99	84,549.00	11,151.01	86.81
NET OF REVENUES & EXPENDITURES		(3,106.80)	(2,003.36)	3,398.94	(1,564.00)	(4,962.94)	217.32
BEG. FUND BALANCE				32,599.55	32,599.55		
END FUND BALANCE				35,998.49	31,035.55		
Fund 153 - Recreation Program Fund							
Revenues							
153-000-67-4-30-20	Adult Sport Leagues	438.00	526.00	2,426.00	4,000.00	1,574.00	60.65
153-000-67-4-30-25	Adult Instruction	2,178.00	3,113.00	20,904.00	24,641.00	3,737.00	84.83
153-000-67-4-30-30	Youth Instruction	45.00	330.00	38,134.75	27,828.00	(10,306.75)	137.04

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GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
153-000-67-4-30-35	Community Programs	0.00	0.00	0.00	2,350.00	2,350.00	0.00
153-000-67-4-30-40	Aquatic Program	0.00	632.00	14,188.00	22,185.00	7,997.00	63.95
153-000-67-4-30-45	Senior Programs	60.00	50.00	2,946.54	3,500.00	553.46	84.19
153-000-67-4-30-50	Other Program Charges	0.00	10.00	25.00	150.00	125.00	16.67
153-000-67-4-30-60	Community Center - Miscellaneous Reve	0.00	0.00	0.00	1,000.00	1,000.00	0.00
153-000-73-4-20-70	Other Intergovt'l Revenue	0.00	0.00	11,231.38	16,000.00	4,768.62	70.20
153-000-81-4-00-10	Investment Interest	121.00	0.00	62.00	300.00	238.00	20.67
153-000-82-4-00-30	Fund Raising Programs	0.00	0.00	3,846.75	8,150.00	4,303.25	47.20
153-000-85-4-53-10	Donations - Rec Programs	0.00	0.00	0.00	250.00	250.00	0.00
153-000-85-4-53-20	Donations - Community Center	702.40	0.00	0.00	6,000.00	6,000.00	0.00
TOTAL Revenues		3,544.40	4,661.00	93,764.42	116,354.00	22,589.58	80.59
Expenditures							
000-35	STATE GRANTS	76.28	208.15	2,315.77	2,000.00	(315.77)	115.79
000-53		324.09	232.79	5,361.58	16,284.00	10,922.42	32.93
541-53		614.00	0.00	1,642.76	5,398.00	3,755.24	30.43
542-53		2,092.94	1,543.29	13,175.91	18,329.00	5,153.09	71.89
543-53		1,558.68	1,392.98	42,877.08	42,741.00	(136.08)	100.32
544-53		0.00	0.00	0.00	2,160.00	2,160.00	0.00
545-53		1,044.98	978.29	12,911.50	18,726.00	5,814.50	68.95
546-53	Senior Center	(8.48)	494.52	4,892.77	5,986.00	1,093.23	81.74
547-53	Community Center	53.29	0.00	0.00	2,292.00	2,292.00	0.00
TOTAL Expenditures		5,755.78	4,850.02	83,177.37	113,916.00	30,738.63	73.02
Fund 153 - Recreation Program Fund:							
TOTAL REVENUES		3,544.40	4,661.00	93,764.42	116,354.00	22,589.58	80.59

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REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
<hr/>							
TOTAL EXPENDITURES		5,755.78	4,850.02	83,177.37	113,916.00	30,738.63	73.02
NET OF REVENUES & EXPENDITURES		(2,211.38)	(189.02)	10,587.05	2,438.00	(8,149.05)	434.25
BEG. FUND BALANCE				52,717.26	52,717.26		
END FUND BALANCE				63,304.31	55,155.26		

Fund 154 - 4th of July Fund

Revenues

154-000-67-4-41-10	4th of July Sales	0.00	205.00	7,570.13	8,000.00	429.87	94.63
154-000-67-4-41-20	Raffle Ticket Sales	0.00	0.00	2,225.00	2,500.00	275.00	89.00
154-000-67-4-41-30	Bingo Card Sales	0.00	0.00	1,375.00	1,300.00	(75.00)	105.77
154-000-81-4-00-10	Investment Interest	45.00	0.00	39.00	0.00	(39.00)	100.00
154-000-82-4-00-50	Miscellaneous Revenue	0.00	0.00	0.00	450.00	450.00	0.00
154-000-85-4-54-10	Donations - 4th of July	16,000.00	0.00	21,150.23	29,000.00	7,849.77	72.93
TOTAL Revenues		16,045.00	205.00	32,359.36	41,250.00	8,890.64	78.45

Expenditures

000-53		0.00	0.00	31,155.79	38,540.00	7,384.21	80.84
TOTAL Expenditures		0.00	0.00	31,155.79	38,540.00	7,384.21	80.84

Fund 154 - 4th of July Fund:

TOTAL REVENUES		16,045.00	205.00	32,359.36	41,250.00	8,890.64	78.45
TOTAL EXPENDITURES		0.00	0.00	31,155.79	38,540.00	7,384.21	80.84
NET OF REVENUES & EXPENDITURES		16,045.00	205.00	1,203.57	2,710.00	1,506.43	44.41
BEG. FUND BALANCE				32,086.04	32,086.04		
END FUND BALANCE				33,289.61	34,796.04		

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REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 155 - Community Center Fund							
Revenues							
155-000-35-4-70-20	CDBG-Senior Center	0.00	0.00	4,371.00	0.00	(4,371.00)	100.00
155-000-67-4-20-40	Facility Rental Fees	0.00	1,110.00	10,880.60	0.00	(10,880.60)	100.00
TOTAL Revenues		0.00	1,110.00	15,251.60	0.00	(15,251.60)	100.00
Expenditures							
546-53	Senior Center	0.00	690.74	10,192.36	0.00	(10,192.36)	100.00
547-53	Community Center	0.00	579.33	5,529.56	0.00	(5,529.56)	100.00
TOTAL Expenditures		0.00	1,270.07	15,721.92	0.00	(15,721.92)	100.00
Fund 155 - Community Center Fund:							
TOTAL REVENUES		0.00	1,110.00	15,251.60	0.00	(15,251.60)	100.00
TOTAL EXPENDITURES		0.00	1,270.07	15,721.92	0.00	(15,721.92)	100.00
NET OF REVENUES & EXPENDITURES		0.00	(160.07)	(470.32)	0.00	470.32	100.00
BEG. FUND BALANCE							
END FUND BALANCE				(470.32)			
Fund 160 - Village Grant Fund							
Expenditures							
546-53	Senior Center	1,662.78	0.00	0.00	0.00	0.00	0.00
TOTAL Expenditures		1,662.78	0.00	0.00	0.00	0.00	0.00

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REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 160 - Village Grant Fund:							
TOTAL REVENUES		0.00	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		1,662.78	0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		(1,662.78)	0.00	0.00	0.00	0.00	0.00
BEG. FUND BALANCE				(631.98)	(631.98)		
END FUND BALANCE				(631.98)	(631.98)		
Fund 170 - BD Business Park Street Light Fund							
Revenues							
170-000-24-4-00-10	Street Lighting	0.00	0.00	5,375.52	5,376.00	0.48	99.99
170-000-81-4-00-10	Investment Interest	78.00	0.00	51.00	100.00	49.00	51.00
TOTAL Revenues		78.00	0.00	5,426.52	5,476.00	49.48	99.10
Expenditures							
000-34	STATE SHARED REVENUE	229.97	321.83	5,251.61	5,376.00	124.39	97.69
TOTAL Expenditures		229.97	321.83	5,251.61	5,376.00	124.39	97.69
Fund 170 - BD Business Park Street Light Fund:							
TOTAL REVENUES		78.00	0.00	5,426.52	5,476.00	49.48	99.10
TOTAL EXPENDITURES		229.97	321.83	5,251.61	5,376.00	124.39	97.69
NET OF REVENUES & EXPENDITURES		(151.97)	(321.83)	174.91	100.00	(74.91)	174.91
BEG. FUND BALANCE				40,485.25	40,485.25		
END FUND BALANCE				40,660.16	40,585.25		
Fund 171 - Kildeer Court Street Lighting Fund							

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REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Revenues							
171-000-24-4-00-10	Street Lighting	0.00	0.00	3,056.78	3,057.00	0.22	99.99
171-000-81-4-00-10	Investment Interest	116.00	0.00	77.00	150.00	73.00	51.33
TOTAL Revenues		116.00	0.00	3,133.78	3,207.00	73.22	97.72
Expenditures							
000-34	STATE SHARED REVENUE	55.40	54.48	1,043.19	3,057.00	2,013.81	34.12
TOTAL Expenditures		55.40	54.48	1,043.19	3,057.00	2,013.81	34.12
Fund 171 - Kildeer Court Street Lighting Fund:							
TOTAL REVENUES		116.00	0.00	3,133.78	3,207.00	73.22	97.72
TOTAL EXPENDITURES		55.40	54.48	1,043.19	3,057.00	2,013.81	34.12
NET OF REVENUES & EXPENDITURES		60.60	(54.48)	2,090.59	150.00	(1,940.59)	1,393.73
BEG. FUND BALANCE				61,967.57	61,967.57		
END FUND BALANCE				64,058.16	62,117.57		
Fund 172 - Opus North Street Lighting Fund							
Revenues							
172-000-24-4-00-10	Street Lighting	0.00	0.00	3,209.26	3,209.00	(0.26)	100.01
172-000-81-4-00-10	Investment Interest	55.00	0.00	36.00	100.00	64.00	36.00
TOTAL Revenues		55.00	0.00	3,245.26	3,309.00	63.74	98.07
Expenditures							

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REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
000-34	STATE SHARED REVENUE	100.65	(238.16)	2,101.09	3,209.00	1,107.91	65.47
TOTAL Expenditures		100.65	(238.16)	2,101.09	3,209.00	1,107.91	65.47
Fund 172 - Opus North Street Lighting Fund:							
TOTAL REVENUES		55.00	0.00	3,245.26	3,309.00	63.74	98.07
TOTAL EXPENDITURES		100.65	(238.16)	2,101.09	3,209.00	1,107.91	65.47
NET OF REVENUES & EXPENDITURES		(45.65)	238.16	1,144.17	100.00	(1,044.17)	1,144.17
BEG. FUND BALANCE				29,010.29	29,010.29		
END FUND BALANCE				30,154.46	29,110.29		
Fund 173 - Park Plaza Street Lighting Fund							
Revenues							
173-000-24-4-00-10	Street Lighting	0.00	0.00	16,826.69	16,827.00	0.31	100.00
173-000-81-4-00-10	Investment Interest	44.00	0.00	28.00	100.00	72.00	28.00
TOTAL Revenues		44.00	0.00	16,854.69	16,927.00	72.31	99.57
Expenditures							
000-34	STATE SHARED REVENUE	1,089.35	1,093.68	13,682.04	16,825.00	3,142.96	81.32
TOTAL Expenditures		1,089.35	1,093.68	13,682.04	16,825.00	3,142.96	81.32
Fund 173 - Park Plaza Street Lighting Fund:							
TOTAL REVENUES		44.00	0.00	16,854.69	16,927.00	72.31	99.57
TOTAL EXPENDITURES		1,089.35	1,093.68	13,682.04	16,825.00	3,142.96	81.32
NET OF REVENUES & EXPENDITURES		(1,045.35)	(1,093.68)	3,172.65	102.00	(3,070.65)	3,110.44
BEG. FUND BALANCE				19,324.82	19,324.82		

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PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
END FUND BALANCE				22,497.47	19,426.82		
Fund 174 - North Arbon Drive Street Lighting Fund							
Revenues							
174-000-24-4-00-10	Street Lighting	0.00	0.00	3,993.69	3,994.00	0.31	99.99
174-000-81-4-00-10	Investment Interest	64.00	0.00	41.00	100.00	59.00	41.00
TOTAL Revenues		64.00	0.00	4,034.69	4,094.00	59.31	98.55
Expenditures							
000-34	STATE SHARED REVENUE	173.45	194.10	2,177.13	3,994.00	1,816.87	54.51
TOTAL Expenditures		173.45	194.10	2,177.13	3,994.00	1,816.87	54.51
Fund 174 - North Arbon Drive Street Lighting Fund:							
TOTAL REVENUES		64.00	0.00	4,034.69	4,094.00	59.31	98.55
TOTAL EXPENDITURES		173.45	194.10	2,177.13	3,994.00	1,816.87	54.51
NET OF REVENUES & EXPENDITURES		(109.45)	(194.10)	1,857.56	100.00	(1,757.56)	1,857.56
BEG. FUND BALANCE				33,278.78	33,278.78		
END FUND BALANCE				35,136.34	33,378.78		
Fund 175 - BD Corporate Park Street Lighting Fund							
Revenues							
175-000-24-4-00-10	Street Lighting	0.00	0.00	2,525.90	2,526.00	0.10	100.00
175-000-81-4-00-10	Investment Interest	25.00	0.00	16.00	100.00	84.00	16.00
TOTAL Revenues		25.00	0.00	2,541.90	2,626.00	84.10	96.80

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REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED

Expenditures							
000-34	STATE SHARED REVENUE	67.33	73.46	1,187.81	2,526.00	1,338.19	47.02
TOTAL Expenditures		67.33	73.46	1,187.81	2,526.00	1,338.19	47.02

Fund 175 - BD Corporate Park Street Lighting Fund:							
TOTAL REVENUES		25.00	0.00	2,541.90	2,626.00	84.10	96.80
TOTAL EXPENDITURES		67.33	73.46	1,187.81	2,526.00	1,338.19	47.02
NET OF REVENUES & EXPENDITURES		(42.33)	(73.46)	1,354.09	100.00	(1,254.09)	1,354.09
BEG. FUND BALANCE				13,162.56	13,162.56		
END FUND BALANCE				14,516.65	13,262.56		

Fund 180 - Strehlow Donation Fund							
Expenditures							
000-51	DUE FROM OTHER FUNDS	209.19	10.98	2,666.72	0.00	(2,666.72)	100.00
000-52		0.00	0.00	1,494.98	0.00	(1,494.98)	100.00
TOTAL Expenditures		209.19	10.98	4,161.70	0.00	(4,161.70)	100.00

Fund 180 - Strehlow Donation Fund:							
TOTAL REVENUES		0.00	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		209.19	10.98	4,161.70	0.00	(4,161.70)	100.00
NET OF REVENUES & EXPENDITURES		(209.19)	(10.98)	(4,161.70)	0.00	4,161.70	100.00
BEG. FUND BALANCE				95,378.02	95,378.02		
END FUND BALANCE				91,216.32	95,378.02		

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REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 185 - BROWN DEER FARMERS MARKET							
Revenues							
185-000-65-4-20-50	Stall Rental Fee	125.00	120.00	5,695.00	0.00	(5,695.00)	100.00
TOTAL Revenues		125.00	120.00	5,695.00	0.00	(5,695.00)	100.00
Expenditures							
000-41	LICENSES & PERMITS	565.00	50.00	4,872.72	0.00	(4,872.72)	100.00
TOTAL Expenditures		565.00	50.00	4,872.72	0.00	(4,872.72)	100.00
Fund 185 - BROWN DEER FARMERS MARKET:							
TOTAL REVENUES		125.00	120.00	5,695.00	0.00	(5,695.00)	100.00
TOTAL EXPENDITURES		565.00	50.00	4,872.72	0.00	(4,872.72)	100.00
NET OF REVENUES & EXPENDITURES		(440.00)	70.00	822.28	0.00	(822.28)	100.00
BEG. FUND BALANCE				14,835.37	14,835.37		
END FUND BALANCE				15,657.65	14,835.37		
Fund 186 - SPECIAL EVENT FUND							
Revenues							
186-000-65-4-20-50	Stall Rental Fee	0.00	0.00	495.00	0.00	(495.00)	100.00
186-000-85-4-10-10	Donations - Vibes	0.00	0.00	5,850.00	0.00	(5,850.00)	100.00
186-000-85-4-20-10	Donations - Eat & Greet	0.00	0.00	3,600.00	0.00	(3,600.00)	100.00
TOTAL Revenues		0.00	0.00	9,945.00	0.00	(9,945.00)	100.00

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PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Expenditures							
000-53		0.00	0.00	7,244.40	0.00	(7,244.40)	100.00
000-54		0.00	0.00	2,501.40	0.00	(2,501.40)	100.00
TOTAL Expenditures		0.00	0.00	9,745.80	0.00	(9,745.80)	100.00
Fund 186 - SPECIAL EVENT FUND:							
TOTAL REVENUES		0.00	0.00	9,945.00	0.00	(9,945.00)	100.00
TOTAL EXPENDITURES		0.00	0.00	9,745.80	0.00	(9,745.80)	100.00
NET OF REVENUES & EXPENDITURES		0.00	0.00	199.20	0.00	(199.20)	100.00
BEG. FUND BALANCE				2,484.78	2,484.78		
END FUND BALANCE				2,683.98	2,484.78		
Fund 187 - PUBLIC SAFETY							
Revenues							
187-210-21-4-62-10	PUBLIC SAFETY	0.00	9,166.66	55,000.04	0.00	(55,000.04)	100.00
TOTAL Revenues		0.00	9,166.66	55,000.04	0.00	(55,000.04)	100.00
Fund 187 - PUBLIC SAFETY:							
TOTAL REVENUES		0.00	9,166.66	55,000.04	0.00	(55,000.04)	100.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		0.00	9,166.66	55,000.04	0.00	(55,000.04)	100.00
BEG. FUND BALANCE							
END FUND BALANCE							
Fund 210 - Debt Service Fund							

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PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Revenues							
210-000-11-4-00-10	General Property Taxes	0.00	0.00	815,841.99	815,842.00	0.01	100.00
210-000-81-4-00-10	Investment Interest	111.00	0.00	180.00	500.00	320.00	36.00
TOTAL Revenues		111.00	0.00	816,021.99	816,342.00	320.01	99.96
Expenditures							
000-81	INTEREST INCOME	0.00	0.00	680,755.25	680,755.00	(0.25)	100.00
000-82	MISCELLANEOUS REVENUE	0.00	0.00	183,272.11	135,087.00	(48,185.11)	135.67
TOTAL Expenditures		0.00	0.00	864,027.36	815,842.00	(48,185.36)	105.91
Fund 210 - Debt Service Fund:							
TOTAL REVENUES		111.00	0.00	816,021.99	816,342.00	320.01	99.96
TOTAL EXPENDITURES		0.00	0.00	864,027.36	815,842.00	(48,185.36)	105.91
NET OF REVENUES & EXPENDITURES		111.00	0.00	(48,005.37)	500.00	48,505.37	9,601.07
BEG. FUND BALANCE				59,182.07	59,182.07		
END FUND BALANCE				11,176.70	59,682.07		
Fund 320 - Capital Improvement Project Fund							
Revenues							
320-000-11-4-00-10	General Property Taxes	0.00	0.00	371,999.99	372,000.00	0.01	100.00
320-000-35-4-00-10	State Grant Revenue	12,000.00	0.00	0.00	599,382.00	599,382.00	0.00
320-000-73-4-20-40	Other Municipalities	0.00	0.00	0.00	12,000.00	12,000.00	0.00
320-000-81-4-00-10	Investment Interest	3,643.00	0.00	1,170.74	5,000.00	3,829.26	23.41
320-000-85-4-60-10	Donations - Beautification	0.00	0.00	600.00	400.00	(200.00)	150.00
320-000-91-4-00-10	Proceeds Long-Term Debt	2,025,000.00	0.00	0.00	998,675.00	998,675.00	0.00

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PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
320-000-91-4-00-30	Debt Funding Credit	9,854.32	0.00	0.00	0.00	0.00	0.00
320-000-91-4-00-60	Premium on debt issuance	39,117.01	0.00	0.00	0.00	0.00	0.00
TOTAL Revenues		2,089,614.33	0.00	373,770.73	1,987,457.00	1,613,686.27	18.81
Expenditures							
000-71		6,993.00	0.00	111,772.35	71,750.00	(40,022.35)	155.78
000-72		(156,113.21)	3,177.00	353,733.20	370,667.00	16,933.80	95.43
000-73	INTERGOVERNMENTAL CHARGES	107,792.44	0.00	469,506.46	1,657,848.00	1,188,341.54	28.32
000-76		29,500.00	32,840.80	105,643.05	349,209.00	243,565.95	30.25
000-77		3,835.29	0.00	24,696.83	56,500.00	31,803.17	43.71
TOTAL Expenditures		(7,992.48)	36,017.80	1,065,351.89	2,505,974.00	1,440,622.11	42.51
Fund 320 - Capital Improvement Project Fund:							
TOTAL REVENUES		2,089,614.33	0.00	373,770.73	1,987,457.00	1,613,686.27	18.81
TOTAL EXPENDITURES		(7,992.48)	36,017.80	1,065,351.89	2,505,974.00	1,440,622.11	42.51
NET OF REVENUES & EXPENDITURES		2,097,606.81	(36,017.80)	(691,581.16)	(518,517.00)	173,064.16	133.38
BEG. FUND BALANCE				1,166,993.10	1,166,993.10		
END FUND BALANCE				475,411.94	648,476.10		
Fund 350 - TIF #2							
Revenues							
350-000-11-4-00-10	General Property Taxes	0.00	0.00	867,452.22	884,264.00	16,811.78	98.10
350-000-34-4-00-30	Computer Exemptions	0.00	0.00	1,860.00	483.00	(1,377.00)	385.09
350-000-81-4-00-10	Investment Interest	624.00	0.00	518.00	5,000.00	4,482.00	10.36
350-000-91-4-00-00	Proceeds from Long-Term Debt	0.00	0.00	1,410,000.00	0.00	(1,410,000.00)	100.00

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
<hr/>							
TOTAL Revenues		624.00	0.00	2,279,830.22	889,747.00	(1,390,083.22)	256.23
Expenditures							
000-67	PARKS & CULTURE/RECREATION	0.00	2,873.00	1,484,005.95	142,193.00	(1,341,812.95)	1,043.66
000-81	INTEREST INCOME	0.00	0.00	400,000.00	400,000.00	0.00	100.00
000-82	MISCELLANEOUS REVENUE	0.00	0.00	154,428.50	154,430.00	1.50	100.00
000-83	OTHER INCOME	0.00	0.00	45,709.75	0.00	(45,709.75)	100.00
TOTAL Expenditures		0.00	2,873.00	2,084,144.20	696,623.00	(1,387,521.20)	299.18
<hr/>							
Fund 350 - TIF #2:							
TOTAL REVENUES		624.00	0.00	2,279,830.22	889,747.00	(1,390,083.22)	256.23
TOTAL EXPENDITURES		0.00	2,873.00	2,084,144.20	696,623.00	(1,387,521.20)	299.18
NET OF REVENUES & EXPENDITURES		624.00	(2,873.00)	195,686.02	193,124.00	(2,562.02)	101.33
BEG. FUND BALANCE				330,330.49	330,330.49		
END FUND BALANCE				526,016.51	523,454.49		
Fund 353 - TIF #3							
Revenues							
353-000-11-4-00-10	General Property Taxes	0.00	0.00	227,761.74	429,976.00	202,214.26	52.97
353-000-34-4-00-30	Computer Exemptions	0.00	0.00	2,696.00	700.00	(1,996.00)	385.14
353-000-81-4-00-10	Investment Interest	2,596.00	0.00	(273.05)	5,000.00	5,273.05	(5.46)
353-000-82-4-00-50	Miscellaneous Income	0.00	0.00	1,934,202.95	0.00	(1,934,202.95)	100.00
TOTAL Revenues		2,596.00	0.00	2,164,387.64	435,676.00	(1,728,711.64)	496.79

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Expenditures							
000-67	PARKS & CULTURE/RECREATION	11,235.00	0.00	3,108,456.58	108,392.00	(3,000,064.58)	2,867.79
000-81	INTEREST INCOME	0.00	0.00	230,000.00	230,000.00	0.00	100.00
000-82	MISCELLANEOUS REVENUE	0.00	0.00	83,297.75	83,298.00	0.25	100.00
TOTAL Expenditures		11,235.00	0.00	3,421,754.33	421,690.00	(3,000,064.33)	811.44
Fund 353 - TIF #3:							
TOTAL REVENUES		2,596.00	0.00	2,164,387.64	435,676.00	(1,728,711.64)	496.79
TOTAL EXPENDITURES		11,235.00	0.00	3,421,754.33	421,690.00	(3,000,064.33)	811.44
NET OF REVENUES & EXPENDITURES		(8,639.00)	0.00	(1,257,366.69)	13,986.00	1,271,352.69	8,990.18
BEG. FUND BALANCE				1,365,084.37	1,365,084.37		
END FUND BALANCE				107,717.68	1,379,070.37		
Fund 354 - TIF #4							
Revenues							
354-000-11-4-00-10	General Property Taxes	0.00	0.00	70,990.88	72,367.00	1,376.12	98.10
354-000-34-4-00-30	Computer Exemptions	0.00	0.00	2,929.00	761.00	(2,168.00)	384.89
354-000-35-4-00-10	State Grants	(31,911.23)	0.00	478,484.00	0.00	(478,484.00)	100.00
354-000-81-4-00-10	Investment Interest	0.00	0.00	0.00	2,000.00	2,000.00	0.00
354-000-91-4-00-20	Debt Funding Credit	26,791.44	0.00	0.00	0.00	0.00	0.00
TOTAL Revenues		(5,119.79)	0.00	552,403.88	75,128.00	(477,275.88)	735.28
Expenditures							
000-67	PARKS & CULTURE/RECREATION	0.00	400.00	194,471.00	189,378.00	(5,093.00)	102.69
000-81	INTEREST INCOME	0.00	0.00	256,050.00	256,050.00	0.00	100.00

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
000-82	MISCELLANEOUS REVENUE	0.00	0.00	183,678.00	183,678.00	0.00	100.00
TOTAL Expenditures		0.00	400.00	634,199.00	629,106.00	(5,093.00)	100.81
Fund 354 - TIF #4:							
TOTAL REVENUES		(5,119.79)	0.00	552,403.88	75,128.00	(477,275.88)	735.28
TOTAL EXPENDITURES		0.00	400.00	634,199.00	629,106.00	(5,093.00)	100.81
NET OF REVENUES & EXPENDITURES		(5,119.79)	(400.00)	(81,795.12)	(553,978.00)	(472,182.88)	14.77
BEG. FUND BALANCE				(1,467,378.34)	(1,467,378.34)		
END FUND BALANCE				(1,549,173.46)	(2,021,356.34)		
Fund 600 - Water							
Revenues							
600-000-64-4-50-10	Metered Sales-Residential	0.00	0.00	503,982.76	644,200.00	140,217.24	78.23
600-000-64-4-50-11	Metered Sales-Commercial	0.00	0.00	167,794.27	201,240.00	33,445.73	83.38
600-000-64-4-50-12	Metered Sales-Bulk	0.00	0.00	2,887.29	4,600.00	1,712.71	62.77
600-000-64-4-50-13	Metered Sales-Industrial	0.00	0.00	70,325.16	92,700.00	22,374.84	75.86
600-000-64-4-50-14	Multi-Family Residential Customers	0.00	0.00	182,835.83	217,300.00	34,464.17	84.14
600-000-64-4-50-20	Private Fire Protection	0.00	0.00	37,677.64	51,500.00	13,822.36	73.16
600-000-64-4-50-30	Public Fire Protection	0.00	0.00	198,761.79	295,100.00	96,338.21	67.35
600-000-64-4-50-40	Sales to Public Authorities	(30.00)	0.00	22,861.73	24,400.00	1,538.27	93.70
600-000-81-4-00-10	Interest & Dividend Income	3,407.77	0.00	(159.31)	4,000.00	4,159.31	(3.98)
600-000-81-4-00-30	Forfeited Discounts/Penalties	2,560.14	3,075.19	11,047.29	20,000.00	8,952.71	55.24
600-000-82-4-00-10	Rent Income	0.00	0.00	95,924.28	126,000.00	30,075.72	76.13
600-000-82-4-00-50	Miscellaneous Service Revenue	0.00	0.00	5,170.11	5,000.00	(170.11)	103.40
600-000-83-4-00-10	Amortization of Debt Premium	0.00	0.00	641.13	0.00	(641.13)	100.00
TOTAL Revenues		5,937.91	3,075.19	1,299,749.97	1,686,040.00	386,290.03	77.09

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Expenditures							
000-37	Admin & General Expense	890.94	1,792.66	117,435.43	43,900.00	(73,535.43)	267.51
000-87	Admin & General Expense	176.59	62.21	3,796.14	0.00	(3,796.14)	100.00
611-37	Source of Supply Expense	63,870.62	387.85	545,557.45	688,000.00	142,442.55	79.30
612-37	Pumping Expense	344.08	711.45	5,767.66	12,000.00	6,232.34	48.06
613-37	Water Treatment Expense	0.00	73.44	6,915.81	14,500.00	7,584.19	47.70
614-37	Trans & Distribution Expense	15,828.47	8,874.06	199,145.56	228,800.00	29,654.44	87.04
614-84	Admin & General Expense	27.10	53.37	472.79	0.00	(472.79)	100.00
616-37	Customer Account Expense	3,220.23	3,113.46	21,214.24	36,500.00	15,285.76	58.12
620-37	Admin & General Expense	5,217.06	1,293.92	25,002.16	125,500.00	100,497.84	19.92
621-37	Depreciation Expense	0.00	0.00	85,592.52	145,000.00	59,407.48	59.03
623-37	Other Expense	0.00	0.00	205,949.57	312,000.00	106,050.43	66.01
625-37		0.00	0.00	(152,766.31)	0.00	152,766.31	100.00
TOTAL Expenditures		89,575.09	16,362.42	1,064,083.02	1,606,200.00	542,116.98	66.25
Fund 600 - Water:							
TOTAL REVENUES		5,937.91	3,075.19	1,299,749.97	1,686,040.00	386,290.03	77.09
TOTAL EXPENDITURES		89,575.09	16,362.42	1,064,083.02	1,606,200.00	542,116.98	66.25
NET OF REVENUES & EXPENDITURES		(83,637.18)	(13,287.23)	235,666.95	79,840.00	(155,826.95)	295.17
BEG. FUND BALANCE				7,758,944.57	7,758,944.57		
END FUND BALANCE				7,994,611.52	7,838,784.57		
Fund 610 - Storm Water							
Revenues							

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

% Fiscal Year Completed: 83.29

GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
610-000-49-4-30-10	Fees & Permits	0.00	2,158.13	6,150.81	1,540.00	(4,610.81)	399.40
610-000-64-4-10-10	Storm Water Charges	0.00	0.00	734,533.60	980,088.00	245,554.40	74.95
610-000-64-4-10-20	Culvert/Driveway Replacements	0.00	0.00	0.00	1,000.00	1,000.00	0.00
610-000-81-4-00-10	Interest Income	2,649.00	0.00	869.65	6,500.00	5,630.35	13.38
610-000-81-4-00-40	Late Penalties	1,258.41	1,878.45	6,866.20	5,000.00	(1,866.20)	137.32
610-000-82-4-00-60	Gain/Loss on Disposal of Assets	0.00	0.00	17,552.00	0.00	(17,552.00)	100.00
TOTAL Revenues		3,907.41	4,036.58	765,972.26	994,128.00	228,155.74	77.05
Expenditures							
000-36		289,711.69	389,285.31	1,885,754.99	863,483.00	(1,022,271.99)	218.39
TOTAL Expenditures		289,711.69	389,285.31	1,885,754.99	863,483.00	(1,022,271.99)	218.39
Fund 610 - Storm Water:							
TOTAL REVENUES		3,907.41	4,036.58	765,972.26	994,128.00	228,155.74	77.05
TOTAL EXPENDITURES		289,711.69	389,285.31	1,885,754.99	863,483.00	(1,022,271.99)	218.39
NET OF REVENUES & EXPENDITURES		(285,804.28)	(385,248.73)	(1,119,782.73)	130,645.00	1,250,427.73	857.12
BEG. FUND BALANCE				3,782,496.77	3,782,496.77		
END FUND BALANCE				2,662,714.04	3,913,141.77		
Fund 630 - Sewer							
Revenues							
630-000-64-4-10-10	Volumetric Charges	0.00	0.00	406,004.60	486,528.00	80,523.40	83.45
630-000-64-4-10-15	Connection Charges	0.00	0.00	159,418.17	212,520.00	53,101.83	75.01
630-000-64-4-10-25	MMSD Charges	0.00	0.00	560,337.62	696,736.00	136,398.38	80.42
630-000-81-4-00-10	Investment Interest	1,303.84	0.00	(134.17)	7,000.00	7,134.17	(1.92)

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

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GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
630-000-81-4-00-40	Interest-Delinquent Accounts	2,493.06	3,065.67	11,719.05	15,000.00	3,280.95	78.13
630-000-82-4-00-60	Gain/Loss on Disposal of Asset	0.00	0.00	27,749.00	0.00	(27,749.00)	100.00
TOTAL Revenues		3,796.90	3,065.67	1,165,094.27	1,417,784.00	252,689.73	82.18
Expenditures							
000-36		212,349.64	18,075.27	1,085,957.34	1,414,414.00	328,456.66	76.78
TOTAL Expenditures		212,349.64	18,075.27	1,085,957.34	1,414,414.00	328,456.66	76.78
Fund 630 - Sewer:							
TOTAL REVENUES		3,796.90	3,065.67	1,165,094.27	1,417,784.00	252,689.73	82.18
TOTAL EXPENDITURES		212,349.64	18,075.27	1,085,957.34	1,414,414.00	328,456.66	76.78
NET OF REVENUES & EXPENDITURES		(208,552.74)	(15,009.60)	79,136.93	3,370.00	(75,766.93)	2,348.28
BEG. FUND BALANCE				4,225,347.56	4,225,347.56		
END FUND BALANCE				4,304,484.49	4,228,717.56		
Fund 700 - Liability Insurance Fund							
Revenues							
700-000-81-4-00-50	Dividend Income	0.00	0.00	0.00	10,000.00	10,000.00	0.00
700-000-82-4-00-50	Miscellaneous Income	0.00	0.00	19,112.99	0.00	(19,112.99)	100.00
700-000-92-4-10-00	General Fund	0.00	0.00	90,000.00	90,000.00	0.00	100.00
TOTAL Revenues		0.00	0.00	109,112.99	100,000.00	(9,112.99)	109.11
Expenditures							
000-19		0.00	5,334.90	123,132.89	190,000.00	66,867.11	64.81

12/04/2015

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF BROWN DEER

PERIOD ENDING 10/31/2015

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GL NUMBER	DESCRIPTION	ACTIVITY FOR 10/31/2014	ACTIVITY FOR 10/31/2015	YTD BALANCE 10/31/2015	2015 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
TOTAL Expenditures		0.00	5,334.90	123,132.89	190,000.00	66,867.11	64.81

Fund 700 - Liability Insurance Fund:							
TOTAL REVENUES		0.00	0.00	109,112.99	100,000.00	(9,112.99)	109.11
TOTAL EXPENDITURES		0.00	5,334.90	123,132.89	190,000.00	66,867.11	64.81
NET OF REVENUES & EXPENDITURES		0.00	(5,334.90)	(14,019.90)	(90,000.00)	(75,980.10)	15.58
BEG. FUND BALANCE				375,767.89	375,767.89		
END FUND BALANCE				361,747.99	285,767.89		
TOTAL REVENUES - ALL FUNDS		2,476,691.29	268,787.18	20,761,444.57	20,246,737.00	(514,707.57)	102.54
TOTAL EXPENDITURES - ALL FUNDS		1,736,453.21	1,428,469.78	22,403,032.54	20,922,205.00	(1,480,827.54)	107.08
NET OF REVENUES & EXPENDITURES		740,238.08	(1,159,682.60)	(1,641,587.97)	(675,468.00)	966,119.97	243.03
BEG. FUND BALANCE - ALL FUNDS				23,239,749.24	23,239,749.24		
FUND BALANCE ADJ - ALL FUNDS				1,574.08			
END FUND BALANCE - ALL FUNDS				21,544,735.31	22,564,281.24		



VILLAGE OF BROWN DEER

**VOUCHER APPROVAL
REGISTER**

Finance & Public Works Committee	Date: December 9, 2015
Village Board of Trustees	Date: December 21, 2015
Submitted By: Susan Hudson; Treasurer / Comptroller	

Payments Presented For Ratification

Attached please find the voucher list for bills accrued October 30, 2015 thru November 25, 2015. This covers check numbers 81158 -81382.

The total amount of vouchers is \$668,898.47.

Vouchers held for approval (to be paid 12/22/2015) –

Below Please Find the Top Five Largest Expenditures in the Packet:

- | | |
|--|---------------|
| 1) All Ways Contractors Inc- Badger Meter River Park Project | \$ 245,851.68 |
| 2) Ayres Associates-Bradley Rd Reconstruction | \$ 81,699.02 |
| 3) Milwaukee Water Works-Oct. Wholesale Water | \$ 55,621.19 |
| 4) Advanced Disposal Services-Oct. Refuse Collection | \$ 55,586.28 |
| 5) City of Mequon-Sanitary Sewer Truck Camera | \$ 37,817.11 |

Below please find a list of the voided checks for this period and their amount

Account Structure:

xxx. Fund	yyy. Department
Fund number	Name
010	General
020	Donation
120	Police Asset Forfeiture
125	NSFD Asset Sale Fund
135	Recycling
140	NSHD
141	NSHD Grants
151	Library
152	Park and Pond
153	Recreation
154	4th of July
160	Village Grant Fund
170	BD Business Park Street Lighting
171	Kildeer Court Street Lighting
172	Opus North Street Lighting
173	Park Plaza Street Lighting
174	North Arbon Dr Street Lighting
175	BD Corp Park Street Lighting
176	BD Business Park Spec Assmt
190	NSSC
210	DS
320	Capital Improvement
325	Park Plaza CSM
330	Equipment Replacement
350	TIF #2
353	TIF #3
354	TIF #4
600	Water
610	Storm
630	Sewer
700	Liability Ins
800	Tax Agency
990	Cash Allocation

Account Structure

xxx yyy
Fund Department

Department Listing

1xx – General Government

- 110 Village Board
- 120 Court
- 130 Legal
- 140 Village Manager
- 141 Personnel
- 142 Elections
- 150 Administrative Services
- 151 Assessor
- 191 Other General Government
- 192 Information Technology
- 193 Intergovernmental
- 194 Historical Society
- 195 Post employment – General Government
- 199 Unclassified

2xx – Public Safety

- 210 Police
- 220 Fire

3xx – Public Works

- 135 Refuse/Recycling
- 310 Public works
- 311 Streets
- 312 Sidewalks
- 313 Winter Operations
- 317 Forestry
- 319 Municipal complex
- 360 Community development/engineering
- 361 Village Hall
- 362 Inspection

5xx – Park and Recreation

- 530 Park and Recreation

User: gerthde

INVOICE DUE DATES 10/30/2015 - 11/25/2015

DB: Brown Deer

BOTH JOURNALIZED AND UNJOURNALIZED

PAID

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 010 General Fund					
Dept 000-12 TAXES					
010-000-12-2-00-10	Accounts Payable-Other	PICK N SAVE	RESTITUTION	312.07	81194
010-000-12-2-00-10	Accounts Payable-Other	JACOBS, DAVID	RETURNED DIRECT DEPOSIT	401.45	81226
Total For Dept 000-12 TA				713.52	
Dept 000-15					
010-000-15-2-20-60	Vision Insurance Payable	SUPERIOR VISION INSURANC	DEC 2015 VISION BILLING	353.65	81359
Total For Dept 000-15				353.65	
Dept 000-18 PETTY CASH FUNDS					
010-000-18-1-00-75	Special Event Change Fun	BROWN DEER PARK & RECREA	KIDS LTD STARTING CASH	85.00	81212
Total For Dept 000-18 PE				85.00	
Dept 000-33					
010-000-33-2-00-20	Bail Due Other Departmen	NORTH SHORE MUNI COURT-G	BAIL	242.00	81233
010-000-33-2-00-20	Bail Due Other Departmen	MILWAUKEE COUNTY CLERK O	BAIL	150.00	81281
010-000-33-2-00-20	Bail Due Other Departmen	TAYLOR, DONNELL G	MONIES RETURNED	150.00	81300
010-000-33-2-00-20	Bail Due Other Departmen	WEST ALLIS POLICE DEPART	BAIL	464.00	81310
010-000-33-2-00-20	Bail Due Other Departmen	DAVIS, DELONDA	CASE DISMISSED	150.00	81326
010-000-33-2-00-20	Bail Due Other Departmen	LONDON, NICOLE	CASE DISMISSED	150.00	81342
010-000-33-2-00-20	Bail Due Other Departmen	MASON, NATHAN	CASE DISMISSED	150.00	81343
010-000-33-2-00-20	Bail Due Other Departmen	SWIFT, SHANTIA	CASE DISMISSED	150.00	81360
010-000-33-2-00-20	Bail Due Other Departmen	VILLAGE OF BIG BEND	CASE#0472308-4	88.80	81363
010-000-33-2-00-20	Bail Due Other Departmen	WEST ALLIS POLICE DEPART	BAIL	903.50	81364
010-000-33-2-00-40	Court Deposit Clearing	HALL, VIRGINIA	RESTITUTION	25.00	81224
010-000-33-2-00-40	Court Deposit Clearing	MILWAUKEE CO TREASURER	COURT FINANCIAL REPORT-O	1,682.13	81232
010-000-33-2-00-40	Court Deposit Clearing	STATE OF WISCONSIN	COURT FINANCIAL REPORT-O	5,849.49	81238
010-000-33-2-00-40	Court Deposit Clearing	HHGREGG	RESTITUTION	50.00	81269
010-000-33-2-00-40	Court Deposit Clearing	ROACH, ERICA	REFUND	100.00	81292
010-000-33-2-00-40	Court Deposit Clearing	BROWN DEER LIBRARY	RESTITUTION-CITATION N12	50.00	81322
Total For Dept 000-33				10,354.92	
Dept 000-41 LICENSES & PERMITS					
010-000-41-4-20-10	Bartender	WALZ, ERIC J	REFUND OF BARTENDER LICE	50.00	81306
Total For Dept 000-41 LI				50.00	
Dept 000-43 INSPECTION PERMITS					
010-000-43-4-00-10	Building	HAUSER, NICHOLAS	REFUND PARTIAL FEE	31.68	81373
Total For Dept 000-43 IN				31.68	
Dept 120-12 MUNICIPAL COURT					
010-120-12-5-26-25	Commitment Services	MILWAUKEE CO OFFICE OF T	BOARDING OF PRISONERS	626.00	81280
010-120-12-5-45-30	Professional Training	GLOVER, TANYA	MILEAGE AND FOOD EXPENSE	195.87	81223
Total For Dept 120-12 MU				821.87	
Dept 130-13 LEGAL SERVICES					
010-130-13-5-21-10	Village Attorney Service	FUCHS & BOYLE SC	GENERAL LEGAL SERVICES-9	9,462.00	81213
Total For Dept 130-13 LE				9,462.00	
Dept 140-14 VILLAGE MANAGER					
010-140-14-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	CALENDARS-MGRS OFFICE	24.88	81371
010-140-14-5-30-40	Public Notices/Advertisi	JOURNAL SENTINEL	LEGAL NOTICES	703.10	81338
010-140-14-5-30-40	Public Notices/Advertisi	MUNICIPAL CODE CORPORATI	CODE UPDATES	2,843.20	81348
010-140-14-5-45-30	Professional Training	FARNHAM, CYNDEE	REIMBURSEMENT-MEETINGS,	414.55	81222
Total For Dept 140-14 VI				3,985.73	
Dept 141-14 VILLAGE MNGER - PERSONNEL ADMINISTRATION					
010-141-14-5-20-25	Employment Services	U.S. HEALTHWORKS MED GRO	NEW HIRE SCREENING	53.00	81240
Total For Dept 141-14 VI				53.00	
Dept 142-14 ELECTIONS					
010-142-14-5-24-10	Equipment Maintenance Se	ELECTION SYSTEMS & SOFTW	MAINTENANCE AGREEMENT FO	1,020.00	81174
010-142-14-5-30-10	Office Supplies, Equip &	ELECTION SYSTEMS & SOFTW	SPARE DS200 UNIT W/BOX,	6,050.00	81174
Total For Dept 142-14 EL				7,070.00	

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GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 010 General Fund					
Dept 150-15 ADMINISTRATIVE SERVICES					
010-150-15-5-20-20	Professional Services	CLIFTONLARSONALLEN LLP	OUTSOURCED STAFF-9/15-10	6,000.00	81261
010-150-15-5-30-30	Service Fees	EHLERS INVESTMENT PARTNE	MONTHLY MANAGEMENT FEE	1,184.45	81221
Total For Dept 150-15 AD				7,184.45	
Dept 151-15 ASSESSOR					
010-151-15-5-20-20	Professional Services	WI DEPT OF REVENUE	2015 MFG	2,321.25	81242
010-151-15-5-20-20	Professional Services	ASSOCIATED APPRAISAL CON	PROFESSIONAL SERVICES	220.82	81368
Total For Dept 151-15 AS				2,542.07	
Dept 191-14 OTHER GENERAL GOVERNMENT					
010-191-14-5-20-41	BD magazine printing & p	CAPRILE, BARBARA G	OUR BROWN DEER MAGAZINE-	1,500.00	81166
010-191-14-5-20-41	BD magazine printing & p	GLENNCO INC POSTAGE TRUS	POSTAGE- OUR BROWN DEER	1,355.00	81332
010-191-14-5-24-10	Equipment Maintenance Se	RICOH USA INC	COPIER LEASE	822.24	81355
010-191-14-5-30-10	Office Supplies, Equip &	CLEAR CUT PRINT SOLUTION	#10 WINDOW ENVELOPES	214.25	81169
010-191-14-5-30-10	Office Supplies, Equip &	AT & T	SERVICE	217.26	81249
010-191-14-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	PAPER, PENS, PROTECTOR S	52.76	81262
010-191-14-5-30-10	Office Supplies, Equip &	ENVIRONMENTAL INNOVATION	TONER CARTRIDGES	297.80	81265
010-191-14-5-30-10	Office Supplies, Equip &	CLEAR CUT PRINT SOLUTION	10 CASES COPY PAPER	299.00	81370
010-191-14-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	DISINFECTANT WIPES	9.40	81371
010-191-14-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	CHAIRMAT-CLERKS OFFICE	79.90	81371
010-191-14-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	POCKET FILES, STICK IT N	71.86	81371
010-191-14-5-30-15	Postage & Mailing	U.S. POSTAL SERVICE	POSTAGE FOR METER	1,500.00	81204
010-191-14-5-30-15	Postage & Mailing	RADTKE, KIRK	REIMBURSEMENT-2 CERTIFIE	13.48	81353
010-191-14-5-30-20	Communications	A T & T	LONG DISTANCE CHARGES	43.38	81158
010-191-14-5-30-20	Communications	BAYSIDE, VILLAGE OF	TIME WARNER BUSINESS	452.19	81163
010-191-14-5-30-20	Communications	VERIZON WIRELESS	SQUAD ANTENNA MODEMS	320.08	81205
010-191-14-5-30-20	Communications	VERIZON WIRELESS	SQUAD CELL PHONES	142.65	81205
010-191-14-5-30-20	Communications	A T & T	LONG DISTANCE SERVICE	40.09	81245
010-191-14-5-30-20	Communications	AT & T	SERVICE	125.34	81249
010-191-14-5-30-20	Communications	BAYSIDE, VILLAGE OF	TIME WARNER-LIBRARY	160.78	81252
010-191-14-5-30-20	Communications	BAYSIDE, VILLAGE OF	TIME WARNER-LIBRARY	1,075.05	81252
010-191-14-5-30-20	Communications	BAYSIDE, VILLAGE OF	LEVEL 3 CHARGES-VILLAGE	865.10	81320
010-191-14-5-30-20	Communications	BAYSIDE, VILLAGE OF	LEVEL 3 CHARGES-VILLAGE	858.87	81320
010-191-14-5-30-20	Communications	CENTURY LINK	LONG DISTANCE FAX-VILLAG	1.83	81323
010-191-14-5-30-20	Communications	A T & T	LONG DISTANCE CHARGES	39.69	81367
010-191-14-5-30-20	Communications	VERIZON WIRELESS	VILLAGE, POLICE, DPW, WA	563.42	81380
010-191-14-5-30-25	Communication-Internet S	TIME WARNER CABLE	INTERNET SERVICE	395.95	81303
Total For Dept 191-14 OT				11,517.37	
Dept 194-51 HISTORICAL SOCIETY					
010-194-51-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	15.71	81241
010-194-51-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	17.19	81381
Total For Dept 194-51 HI				32.90	
Dept 195-28 Other General Government					
010-195-28-5-39-21	EMPLOYEE WELLNESS BENEFI	YMCA OF GREATER WAUKESHA	WELLNESS BENEFIT	10.00	81210
010-195-28-5-39-21	EMPLOYEE WELLNESS BENEFI	KETTLE MORaine YMCA	WELLNESS BENEFIT	30.00	81230
010-195-28-5-39-21	EMPLOYEE WELLNESS BENEFI	YMCA OF METRO MILWAUKEE	WELLNESS BENEFIT	30.00	81243
010-195-28-5-39-21	EMPLOYEE WELLNESS BENEFI	YMCA OF GREATER WAUKESHA	WELLNESS BENEFIT	10.00	81382
Total For Dept 195-28 Ot				80.00	
Dept 210-21 POLICE DEPARTMENT					
010-210-21-5-12-20	Uniform Allowance	ADVANTAGE POLICE SUPPLY	UNIFORM EQUIPMENT-ZIESE	165.00	81159
010-210-21-5-12-20	Uniform Allowance	LARK UNIFORM OUTFITTERS	UNIFORM EQUIPMENT-STERLE	361.77	81185
010-210-21-5-12-20	Uniform Allowance	RED THE UNIFORM TAILOR	UNIFORM EQUIPMENT-JACOBS	290.00	81197
010-210-21-5-12-20	Uniform Allowance	STREICHER'S - LB #7873	BALLISTIC VEST-DAWSON	51.00	81202
010-210-21-5-12-20	Uniform Allowance	LARK UNIFORM OUTFITTERS	UNIFORM EQUIPMENT	248.35	81340
010-210-21-5-12-20	Uniform Allowance	RED THE UNIFORM TAILOR	UNIFORM EQUIPMENT-KRAEME	139.97	81354
010-210-21-5-12-20	Uniform Allowance	RED THE UNIFORM TAILOR	UNIFORM EQUIPMENT-KASS	415.74	81354

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Fund 010 General Fund					
Dept 210-21 POLICE DEPARTMENT					
010-210-21-5-20-35	Technical Services	GENERAL COMMUNICATIONS I	RADAR INSTALL, PRINTER	675.00	81176
010-210-21-5-20-35	Technical Services	LASER TECHNOLOGY INC	REPAIR LASER	373.00	81186
010-210-21-5-24-10	Equipment Maintenance Se	CENTRAL OFFICE SYSTEMS	COPIER MAINTENANCE CONTR	153.02	81167
010-210-21-5-24-10	Equipment Maintenance Se	KAIN ENERGY CORPORATION	FRONT ENTRY CAMERA REPAI	460.00	81182
010-210-21-5-24-10	Equipment Maintenance Se	KONICA MINOLTA PREMIER	COPIER RENTAL CONTRACT	267.43	81184
010-210-21-5-24-10	Equipment Maintenance Se	CENTRAL OFFICE SYSTEMS	COPIER MAINTENANCE CONTR	118.13	81259
010-210-21-5-24-10	Equipment Maintenance Se	KONICA MINOLTA PREMIER	COPIER RENTAL CONTRACT	267.43	81339
010-210-21-5-24-10	Equipment Maintenance Se	MILWAUKEE CO TREASURER	MCSO RADIO SYSTEM FEE	1,056.00	81346
010-210-21-5-29-40	Towing Services	LEADER TOWING AND TRANSP	TOWING	100.00	81187
010-210-21-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	LETTERHEAD, TICKET HOLDE	54.48	81170
010-210-21-5-30-10	Office Supplies, Equip &	PIRANHA PAPER SHREDDING,	PAPER SHREDDING	35.00	81195
010-210-21-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	DESK CALENDARS	21.80	81219
010-210-21-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	HANGING CALENDARS	21.59	81219
010-210-21-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	WALL CALENDARS	21.07	81262
010-210-21-5-30-30	Service Fees	WI DEPT OF JUSTICE	RECORD CHECKS	14.00	81208
010-210-21-5-30-30	Service Fees	WI DEPT OF JUSTICE CRIME	TIME SYSTEM ACCESS FEE	486.00	81209
010-210-21-5-30-30	Service Fees	TRANSUNION RISK & ALTERN	RECORD CHECKS	9.50	81304
010-210-21-5-30-30	Service Fees	WVRC EMERGENCY & SPECIAL	K9 EMERGENCY ROOM VISIT	1,728.00	81313
010-210-21-5-30-30	Service Fees	WVRC EMERGENCY & SPECIAL	K9 ER VISIT	779.00	81313
010-210-21-5-30-30	Service Fees	WVRC EMERGENCY & SPECIAL	K9 ER VISIT	285.00	81313
010-210-21-5-30-30	Service Fees	WI STATE LAB OF HYGIENE	EVIDENTIARY BLOOD DRAW	40.00	81365
010-210-21-5-34-35	Uniforms/Coveralls	STREICHER'S - LB #7873	RANK INSIGNIA	5.99	81202
010-210-21-5-34-35	Uniforms/Coveralls	RED THE UNIFORM TAILOR	RANK INSIGNIA	7.50	81354
010-210-21-5-35-20	Vehicle Repair/Maint Sup	AUTO COLLISION SPECIALIS	BODY REPAIR-1342	911.10	81160
010-210-21-5-35-20	Vehicle Repair/Maint Sup	SCHMIT BROTHERS	REPLACE SPOTLIGHT 1342	203.01	81200
010-210-21-5-35-20	Vehicle Repair/Maint Sup	SCHMIT BROTHERS	REPAIR SPORLIGHT 1341	44.18	81200
010-210-21-5-35-20	Vehicle Repair/Maint Sup	SCRUB BROWN DEER LLC	SQUAD WASHES	15.00	81201
010-210-21-5-35-20	Vehicle Repair/Maint Sup	CKC GRAPHICS & SIGNS	1342 DECAL REPAIR	50.00	81260
010-210-21-5-35-20	Vehicle Repair/Maint Sup	SCRUB BROWN DEER LLC	SQUAD WASHES	12.00	81295
010-210-21-5-35-20	Vehicle Repair/Maint Sup	IBD LLC	2 MTP-65	223.90	81336
010-210-21-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	FUSES-PD	10.88	81349
010-210-21-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	6 BULBS, U BOLTS	48.48	81349
010-210-21-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	WIPER BLADES, FILTERS	65.56	81349
010-210-21-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	OIL FILTER, V-BELT	56.10	81349
010-210-21-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	FILTERS	4.54	81349
010-210-21-5-39-30	Investigation Supplies	VERIZON WIRELESS	DET BUREAU JET PACK	42.25	81205
010-210-21-5-39-30	Investigation Supplies	EMERGENCY MEDICAL PRODUC	PROTECTIVE GLOVES	524.10	81328
010-210-21-5-45-10	Professional Memberships	ICPC	ICPC MEMBERSHIP -LERER	125.00	81272
010-210-21-5-45-30	Professional Training	JUNK, MARK	REIMBURSE MEALS-TRAINING	60.12	81181
010-210-21-5-45-30	Professional Training	WFTOA	REGISTRATION FEE-ZEISE	195.00	81207
010-210-21-5-45-30	Professional Training	YOUNG, GREG	CISM TRAINING-HANSEN	110.00	81211
010-210-21-5-45-30	Professional Training	CADDOCK, BRAD	REIMBURSEMENT FOR TRAINI	47.81	81258
010-210-21-5-45-30	Professional Training	WAUKESHA COUNTY TECHNICA	IN SERVICE TRAINING	181.08	81307
Total For Dept 210-21 PO				11,580.88	
Dept 220-22 FIRE DEPARTMENT - EG					
010-220-22-5-24-10	Equipment Maintenance Se	WE ENERGIES	SERVICE	39.83	81241
010-220-22-5-24-10	Equipment Maintenance Se	WE ENERGIES	SERVICE	28.57	81381
Total For Dept 220-22 FI				68.40	
Dept 310-31 PUBLIC WORKS ADMINISTRATION					
010-310-31-5-12-20	Uniform Allowance	JOHNSON, ROGER	WORK CLOTHING REIMBURSEM	63.79	81227
010-310-31-5-30-20	Communications	AT & T	SERVICE	29.25	81249
010-310-31-5-30-20	Communications	VERIZON WIRELESS	VILLAGE, POLICE, DPW, WA	116.76	81380
010-310-31-5-45-20	Professional Publication	BMO HARRIS BANK N. A.	INFO TECH BID EXPRESS	80.00	81165
Total For Dept 310-31 PU				289.80	

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 010 General Fund					
Dept 311-33 DPW STREETS/TRAFFIC OPERATIONS					
010-311-33-5-22-10	Street Lighting-Elec Ser	WE ENERGIES	SERVICE	37.18	81206
010-311-33-5-22-10	Street Lighting-Elec Ser	WE ENERGIES	SERVICE	42.20	81206
010-311-33-5-22-10	Street Lighting-Elec Ser	WE ENERGIES	SERVICE	4,009.29	81309
010-311-33-5-22-10	Street Lighting-Elec Ser	WE ENERGIES	SERVICE	79.37	81381
010-311-33-5-22-15	Street Lighting Elec Chr	WE ENERGIES	SERVICE	489.98	81241
010-311-33-5-23-20	Turf Maintenance	BROWN DEER LAWN SERVICE	ROUGH CUT-4619 WOODALE	126.00	81255
010-311-33-5-23-20	Turf Maintenance	FOX SERVICES, LLC	OCTOBER MOWING-SCHEDULE	955.16	81330
010-311-33-5-23-20	Turf Maintenance	FOX SERVICES, LLC	OCTOBER MOWING-SCHEDULE	1,064.65	81330
010-311-33-5-23-20	Turf Maintenance	FOX SERVICES, LLC	OCTOBER MOWING-SCHEDULE	860.88	81330
010-311-33-5-35-30	Tools & Supplies	PAYNE & DOLAN INC	.85 TONS COLD MIX	102.00	81287
010-311-33-5-35-30	Tools & Supplies	GRAINGER	TRASH BAGS	63.94	81334
010-311-33-5-37-15	Street Signs & Supplies	TAPCO	OBJECT MARKER SIGNS	115.00	81299
010-311-33-5-37-15	Street Signs & Supplies	TAPCO	BRACKETS	248.70	81299
010-311-33-5-37-15	Street Signs & Supplies	TAPCO	SIGN MOUNTING KITS	68.00	81299
010-311-33-5-37-15	Street Signs & Supplies	TAPCO	SOLAR BLINKER SIGN, BEAM	2,567.85	81299
010-311-33-5-37-15	Street Signs & Supplies	TAPCO	SCHOOL CROSSING SIGN	85.05	81299
010-311-33-5-37-15	Street Signs & Supplies	TAPCO	DILINEATOR POST	45.95	81299
Total For Dept 311-33 DP				10,961.20	
Dept 313-33 DPW WINTER OPERATIONS					
010-313-33-5-35-30	Tools & Supplies	MENARDS - MILWAUKEE	MAILBOXES, BRACKETS	117.49	81277
010-313-33-5-35-30	Tools & Supplies	MENARDS - MILWAUKEE	TREATED LUMBER	51.94	81277
010-313-33-5-35-30	Tools & Supplies	MENARDS - MILWAUKEE	TREATED LUMBER	108.32	81277
Total For Dept 313-33 DP				277.75	
Dept 319-16 DPW MUNICIPAL COMPLEX					
010-319-16-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	68.04	81206
010-319-16-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	684.91	81206
010-319-16-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	357.52	81381
010-319-16-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	604.50	81381
010-319-16-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	141.91	81381
010-319-16-5-23-10	Cleaning Services	ALSCO AMERICAN INDUSTRIA	SERVICE FLOOR MATS	43.23	81247
010-319-16-5-35-10	Building Supplies	ACCURATE RECHARGE & FIRE	SERVICE, RECHARGE & REPL	437.75	81246
010-319-16-5-35-10	Building Supplies	MENARDS - MILWAUKEE	POLE BREAKER	7.98	81277
010-319-16-5-35-10	Building Supplies	MENARDS - MILWAUKEE	TREATED LUMBER, YELLOW C	35.81	81277
010-319-16-5-35-45	Bldg Maint/Repair Suppli	MENARDS - MILWAUKEE	CLOCKS, FENCE POSTS	28.58	81277
Total For Dept 319-16 DP				2,410.23	
Dept 319-33 DPW MUNICIPAL COMPLEX					
010-319-33-5-34-10	Fuel, Oil & Lubricants	BANACH, COLLEEN	MILEAGE REIMBURSEMENT-OC	107.64	81217
010-319-33-5-34-10	Fuel, Oil & Lubricants	PETRAS, ERIKA	MILEAGE REIMBURSEMENT-OC	51.75	81235
010-319-33-5-34-10	Fuel, Oil & Lubricants	HERBST OIL INC	547.8 GALLONS DIESEL	1,323.49	81267
010-319-33-5-34-10	Fuel, Oil & Lubricants	HERBST OIL INC	601.5 GALLONS UNLEADED	1,429.16	81267
010-319-33-5-34-10	Fuel, Oil & Lubricants	HERBST OIL INC	389.3 GALLONS UNLEADED	808.20	81267
010-319-33-5-34-10	Fuel, Oil & Lubricants	HERBST OIL INC	633.1 GALLONS DIESEL	1,523.26	81267
010-319-33-5-34-10	Fuel, Oil & Lubricants	HYDROTEX INC	CASE OF GREASE	298.78	81271
010-319-33-5-34-30	Safety Supplies	LINCOLN CONTRACTORS	200 EAR PLUGS	60.00	81275
010-319-33-5-34-30	Safety Supplies	SAFETY MART	SERVICE FIRST AID KITS	36.71	81358
010-319-33-5-35-20	Vehicle Repair/Maint Sup	HERITAGE CRYSTAL CLEAN L	PARTS WASHER SERVICE & L	626.78	81268
010-319-33-5-35-20	Vehicle Repair/Maint Sup	LAKESIDE INT'L TRUCKS IN	SEAT SPRINGS	102.94	81273
010-319-33-5-35-20	Vehicle Repair/Maint Sup	MENARDS - MILWAUKEE	36 X 48 LEXAN	69.98	81277
010-319-33-5-35-20	Vehicle Repair/Maint Sup	MILWAUKEE SPRING & ALIGN	REAR SPRING, U BOLT, HEL	1,162.60	81282
010-319-33-5-35-20	Vehicle Repair/Maint Sup	MONROE TRUCK EQUIPMENT	DOUBLE ACTING LIFT CYLIN	320.46	81284
010-319-33-5-35-20	Vehicle Repair/Maint Sup	GOOD YEAR COMMERCIAL TIR	TIRE #1383	152.16	81333
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	6 BULBS, U BOLTS	9.40	81349
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	3 FHP BELTS	35.64	81349
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	WIPER BLADES	114.70	81349

PAID

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Fund 010 General Fund					
Dept 319-33 DPW MUNICIPAL COMPLEX					
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	OIL FILTERS	40.80	81349
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	OIL FILTER	42.16	81349
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	WIPER BLADES, FILTERS	57.16	81349
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	SWITCH #1370	10.60	81349
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	OIL FILTER, V-BELT	21.01	81349
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	FILTERS	26.48	81349
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	AIR, FUEL, OIL FILTERS	607.14	81349
010-319-33-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	RETURNED STOCK	(944.33)	81349
010-319-33-5-35-30	Tools & Supplies	A FILLINGER	TOP BEARING TRIM BIT	23.39	81244
010-319-33-5-35-30	Tools & Supplies	LAWSON PRODUCTS INC	WASHERS, NUTS, BOLTS	316.18	81274
010-319-33-5-35-30	Tools & Supplies	MID-AMERICAN RESEARCH CH	SHOP SUPPLIES	355.75	81279
010-319-33-5-35-30	Tools & Supplies	SNAP-ON TOOLS	COMBO WRENCH	71.75	81298
010-319-33-5-35-30	Tools & Supplies	SNAP-ON TOOLS	CRIMP TOOL	41.75	81298
010-319-33-5-35-30	Tools & Supplies	IBD LLC	3 MHD, 1 MTP	547.80	81336
010-319-33-5-35-30	Tools & Supplies	MENARDS - MILWAUKEE	TREATED LUMBER	83.64	81344
010-319-33-5-35-30	Tools & Supplies	MENARDS - MILWAUKEE	BATTERIES, TREATED LUMBE	15.34	81344
010-319-33-5-35-40	Equip Repair/Maint Suppl	AUTO BRAKE CLUTCH & GEAR	LED WORK SALTER LIGHTS	158.00	81250
010-319-33-5-35-40	Equip Repair/Maint Suppl	FOX WELDING SUPPLY INC	WELDING -LIGHTER	12.46	81266
010-319-33-5-35-40	Equip Repair/Maint Suppl	FOX WELDING SUPPLY INC	CYLINDER RENTAL-WELDING	15.60	81266
010-319-33-5-35-40	Equip Repair/Maint Suppl	MARTENS RELIABLE TRUE VA	SHOP SUPPLIES	18.25	81276
010-319-33-5-35-40	Equip Repair/Maint Suppl	MARTENS RELIABLE TRUE VA	SUPPLIES	194.48	81276
010-319-33-5-35-40	Equip Repair/Maint Suppl	MARTENS RELIABLE TRUE VA	SHOP SUPPLIES	37.05	81276
010-319-33-5-35-40	Equip Repair/Maint Suppl	MENARDS - MILWAUKEE	TREATED LUMBER	6.54	81277
Total For Dept 319-33 DP				9,992.65	
Dept 320-36 DPW REFUSE					
010-320-36-5-29-10	Refuse Collection	ADVANCED DISPOSAL SERVIC	REFUSE, RECYCLING YARD W	30,632.09	81316
Total For Dept 320-36 DP				30,632.09	
Dept 360-31 COMMUNITY DEVELOPMENT					
010-360-31-5-20-20	Professional Services	RUEKERT MIELKE	PROFESSIONAL SERVICES-IT	891.25	81294
010-360-31-5-20-20	Professional Services	RUEKERT MIELKE	PROFESSIONAL SERVICES	1,495.00	81378
Total For Dept 360-31 CO				2,386.25	
Dept 361-16 VILLAGE HALL					
010-361-16-5-22-10	Electric/Natural Gas	WE ENERGIES	SERVICE	557.84	81206
010-361-16-5-22-10	Electric/Natural Gas	WE ENERGIES	SERVICE	62.29	81206
010-361-16-5-22-10	Electric/Natural Gas	WE ENERGIES	SERVICE	4,172.53	81206
010-361-16-5-22-10	Electric/Natural Gas	WE ENERGIES	SERVICE	3,663.67	81381
010-361-16-5-22-10	Electric/Natural Gas	WE ENERGIES	SERVICE	598.90	81381
010-361-16-5-22-10	Electric/Natural Gas	WE ENERGIES	SERVICE	58.44	81381
010-361-16-5-23-10	Cleaning Services	PRO ONE JANITORIAL INC	JANITORIAL SERVICES-NOV	2,345.00	81289
010-361-16-5-23-10	Cleaning Services	PRO ONE JANITORIAL INC	JANITORIAL SERVICE-DEC	2,345.00	81376
010-361-16-5-23-15	Building Maint/Repairs	J & H HEATING INC	TROUBLESHOOT A/C-POLICE	98.00	81179
010-361-16-5-23-15	Building Maint/Repairs	TOTAL ENERGY SYSTEMS	MAINTENANCE INSPECTION,	614.76	81239
010-361-16-5-23-15	Building Maint/Repairs	WM. A. ZACHOW & SONS INC	CROSS CONNECTION CONTROL	230.00	81312
010-361-16-5-23-15	Building Maint/Repairs	WM. A. ZACHOW & SONS INC	REPLACE FAUCET IN WOMEN'	433.40	81312
010-361-16-5-23-15	Building Maint/Repairs	LEMBERG ELECTRIC COMPANY	TROUBLESHOOT OUTDOOR LIG	122.23	81341
010-361-16-5-23-15	Building Maint/Repairs	MEQUER PAINTING & HOME I	REPAIR WALL-RECEPTION AR	200.00	81345
010-361-16-5-23-15	Building Maint/Repairs	J & H HEATING INC	WATER HEATER REPAIRS	1,076.36	81375
010-361-16-5-35-10	Building Supplies	MENARDS - MILWAUKEE	PAIL, ROSIN PAPER	16.72	81277
010-361-16-5-35-10	Building Supplies	MENARDS - MILWAUKEE	PAINTING SUPPLIES	37.21	81277
010-361-16-5-35-10	Building Supplies	MENARDS - MILWAUKEE	PAINTING SUPPLIES, SCRAP	38.62	81277
010-361-16-5-35-10	Building Supplies	THE SHERWIN WILLIAMS COM	PAINT	154.60	81301
Total For Dept 361-16 VI				16,825.57	
Dept 530-53 PARK & RECREATION					
010-530-53-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	CALENDARS	81.46	81325

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 010 General Fund					
Dept 530-53 PARK & RECREATION					
010-530-53-5-45-30	Professional Training	HOIER, CHAD	MILEAGE REIMBURSEMENT-WP	161.00	81270
010-530-53-5-45-30	Professional Training	THOMPSON, MARK	MILEAGE REIMBURSEMENT F	131.10	81302
010-530-53-5-45-40	Mileage Reimbursement	THOMPSON, MARK	MILEAGE REIMBURSED-8/4/1	227.13	81302
		Total For Dept 530-53 PA		600.69	
		Total For Fund 010 Gener		140,363.67	
Fund 020 Donation Fund					
Dept 000-21 TAXES RECEIVABLES					
020-000-21-5-39-12	Donation Expenses-Police	MORGAN, JOSHUA	VET BILL, KENNEL, EQUIPM	665.27	81191
020-000-21-5-39-12	Donation Expenses-Police	PARK PET	CHECK UP-K9 VADER	155.79	81193
020-000-21-5-39-12	Donation Expenses-Police	PARK PET	K9 MEDICAL SERVICES	154.30	81285
		Total For Dept 000-21 TA		975.36	
		Total For Fund 020 Donat		975.36	
Fund 120 PD Asset Forfeiture					
Dept 000-21 TAXES RECEIVABLES					
120-000-21-5-39-70	Program Supplies & Expen	BEN'S CYCLE & FITNESS IN	POLICE BICYCLES & EQUIPM	4,280.00	81253
120-000-21-5-39-70	Program Supplies & Expen	RED THE UNIFORM TAILOR	POLICE BIKE UNIFORMS	984.88	81377
		Total For Dept 000-21 TA		5,264.88	
		Total For Fund 120 PD As		5,264.88	
Fund 135 Recycling Fund					
Dept 000-64 SALES					
135-000-64-4-20-20	Sale of Materials	ADVANCED DISPOSAL SERVIC	REFUSE, RECYCLING YARD W	(471.82)	81316
		Total For Dept 000-64 SA		(471.82)	
Dept 320-36 DPW REFUSE					
135-320-36-5-29-15	Yard Waste Collection	ADVANCED DISPOSAL SERVIC	REFUSE, RECYCLING YARD W	12,795.90	81316
135-320-36-5-29-20	Recycling Services	ADVANCED DISPOSAL SERVIC	REFUSE, RECYCLING YARD W	12,390.11	81316
		Total For Dept 320-36 DP		25,186.01	
		Total For Fund 135 Recyc		24,714.19	
Fund 140 North Shore Health Dept					
Dept 410-41					
140-410-41-5-20-40	Printing Services	CONFLUENCE GRAPHICS	NSHD LETTERHEAD	115.30	81171
140-410-41-5-20-40	Printing Services	CONFLUENCE GRAPHICS	BUSINESS CARDS-LORI AHRE	73.00	81372
140-410-41-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	KEYBOARD PLATFORM TRAY	175.00	81170
140-410-41-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	2016 CALENDARS	13.93	81170
140-410-41-5-30-10	Office Supplies, Equip &	MILJEVIC, SANJA	SUPPLIES, MILEAGE REIMBU	50.90	81188
140-410-41-5-34-55	Clinical Supplies	PLATT, KATHLEEN	MILEAGE REIMBURSEMENT	20.00	81288
140-410-41-5-34-55	Clinical Supplies	SANOFI PASTEUR INC	FLU VACCINE, CREDIT	301.82	81379
140-410-41-5-35-40	Equip Repair/Maint Suppl	VERIZON WIRELESS	VILLAGE, POLICE, DPW, WA	209.79	81380
140-410-41-5-45-40	Mileage Reimbursement	MILJEVIC, SANJA	SUPPLIES, MILEAGE REIMBU	244.52	81188
140-410-41-5-45-40	Mileage Reimbursement	PARKS, RANDIE	MILEAGE REIMBURSEMENT	261.30	81286
140-410-41-5-45-40	Mileage Reimbursement	PLATT, KATHLEEN	MILEAGE REIMBURSEMENT	90.39	81288
140-410-41-5-53-40	Beach Water Testing	CITY OF MILWAUKEE HEALTH	ATWATER- BEACH WATER TES	370.00	81168
140-410-41-5-53-40	Beach Water Testing	CITY OF MILWAUKEE HEALTH	ATWATER-BEACH WATER TEST	74.00	81168
140-410-41-5-53-40	Beach Water Testing	CITY OF MILWAUKEE HEALTH	KLODE BEACH WATER TESITI	370.00	81168
140-410-41-5-53-40	Beach Water Testing	CITY OF MILWAUKEE HEALTH	KLODE BEACH WATER TESTIN	74.00	81168
140-410-41-5-53-40	Beach Water Testing	CITY OF MILWAUKEE HEALTH	DOCTOR'S PARK BEACH WATE	370.00	81168
140-410-41-5-53-40	Beach Water Testing	CITY OF MILWAUKEE HEALTH	DOCTOR'S PARK	74.00	81168
140-410-41-5-53-40	Beach Water Testing	PARKS, RANDIE	MILEAGE REIMBURSEMENT	34.50	81286
		Total For Dept 410-41		2,922.45	
Dept 411-41					
140-411-41-5-30-10	Environmental Health Sup	SIMERLY, BRAD	REIMBURSEMENT-MILEAGE, L	387.21	81237
140-411-41-5-45-30	Professional Training	SIMERLY, BRAD	REIMBURSEMENT-MILEAGE, L	18.67	81237
		Total For Dept 411-41		405.88	

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 140 North Shore Health Dept			Total For Fund 140 North	3,328.33	
Fund 141 NSHD Grant Fund					
Dept 421-41 MCH					
141-421-41-5-39-70	Program Supplies & Expen	PLATT, KATHLEEN	MILEAGE REIMBURSEMENT	6.15	81288
			Total For Dept 421-41 MC	6.15	
			Total For Fund 141 NSHD	6.15	
Fund 151 Library Fund					
Dept 510-51 92400					
151-510-51-5-20-35	Technical Services	MILW CO FEDERATED LIBRAR	FORMS, SUPPLIES, POSTAGE	175.59	81231
151-510-51-5-20-40	Printing Services	XEROX CORPORATION	BASE AND METER CHARGE	440.09	81314
151-510-51-5-20-40	Printing Services	XEROX CORPORATION	PERIOD PAYMENT	52.62	81366
151-510-51-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	2016 CALENDARS, FOLDERS	132.00	81219
151-510-51-5-30-10	Office Supplies, Equip &	MILW CO FEDERATED LIBRAR	FORMS, SUPPLIES, POSTAGE	260.61	81231
151-510-51-5-30-10	Office Supplies, Equip &	CLEAR CUT PRINT SOLUTION	10 CASES COPY PAPER	483.00	81324
151-510-51-5-30-10	Office Supplies, Equip &	COMPLETE OFFICE OF WISCO	PENCILS, STAMP PADS, TAP	181.37	81371
151-510-51-5-30-15	Postage & Mailing	MILW CO FEDERATED LIBRAR	FORMS, SUPPLIES, POSTAGE	55.86	81231
151-510-51-5-30-20	Communications	MILW CO FEDERATED LIBRAR	FORMS, SUPPLIES, POSTAGE	57.64	81231
151-510-51-5-30-20	Communications	AT & T	SERVICE	20.89	81249
151-510-51-5-45-40	Mileage Reimbursement	IEFFLER, STEPHANIE	MILEAGE REIMBURSEMENT	19.55	81264
151-510-51-5-45-40	Mileage Reimbursement	WILLIAMS-VAN KLOOSTER, B	MILEAGE REIMBURSEMENT	260.53	81311
			Total For Dept 510-51 92	2,139.75	
Dept 511-51					
151-511-51-5-35-40	Collect Repair/Maint/Sup	DEMCO	SECURITY CASES	300.00	81173
151-511-51-5-35-40	Collect Repair/Maint/Sup	DEMCO	BOOK JACKET ROLLS	375.34	81220
151-511-51-5-35-40	Collect Repair/Maint/Sup	R.T. BARBEE CO., INC	12" BOOK JACKET COVERS	183.59	81236
151-511-51-5-35-40	Collect Repair/Maint/Sup	PARAGON DEVELOPMENT SYST	SCANNERS	1,150.00	81352
151-511-51-5-38-10	Periodicals	CRESTMARK BANK-DRAWER# 1	YEARLY MAGAZINE RENEWAL	3,392.34	81172
151-511-51-5-38-10	Periodicals	MILWAUKEE BUSINESS JOURN	3 YEAR RENEWAL	185.00	81189
151-511-51-5-38-10	Periodicals	JOURNAL SENTINEL INC	YEARLY RENEWAL	324.65	81228
151-511-51-5-38-15	Books	BAKER & TAYLOR	1 BOOK	14.49	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	13.80	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	15.37	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	5 BOOKS	72.14	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	27.07	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	14.87	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	7 BOOKS	94.45	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	5 BOOKS	70.06	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	21.75	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	15.92	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	14.31	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	14.34	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	28.15	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	3 BOOKS	44.55	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	4 BOOKS	57.29	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	14.33	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	12 BOOKS	163.17	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	18.59	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	14.31	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	4 BOOKS	61.58	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	4 BOOKS	55.14	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	7 BOOKS	118.34	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	45.09	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	30.26	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	30.74	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	14.31	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	39.82	81161

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 151 Library Fund					
Dept 511-51					
151-511-51-5-38-15	Books	BAKER & TAYLOR	3 BOOKS	41.92	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	27.98	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	13 BOOKS	165.09	81161
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	30.74	81216
151-511-51-5-38-15	Books	BAKER & TAYLOR	3 BOOKS	44.57	81216
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	15.93	81216
151-511-51-5-38-15	Books	BAKER & TAYLOR	BOOK	15.93	81216
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	31.92	81216
151-511-51-5-38-15	Books	BAKER & TAYLOR	CREDIT	(15.37)	81216
151-511-51-5-38-15	Books	BAKER & TAYLOR	11 BOOKS	160.25	81216
151-511-51-5-38-15	Books	BAKER & TAYLOR	34 BOOKS	279.09	81216
151-511-51-5-38-15	Books	BAKER & TAYLOR	25 BOOKS	225.48	81216
151-511-51-5-38-15	Books	BAKER & TAYLOR	6 REFERENCE BOOKS	69.42	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	13 BOOKS	104.32	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	59 BOOKS	442.91	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	64 BOOKS	523.39	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	18 BOOKS	79.44	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	17 BOOKS	164.16	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	29.74	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	30.26	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	23.58	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	4 BOOKS	64.22	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	29.74	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	5 BOOKS	70.08	81251
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	29.68	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	3 BOOKS	44.61	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	22.52	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	3 BOOKS	142.99	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	23.90	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	4 BOOKS	64.76	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	29.74	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	2 BOOKS	28.66	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	8 BOOKS	109.05	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	6 BOOKS	68.66	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	22 BOOKS	154.38	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	29 BOOKS	253.02	81319
151-511-51-5-38-15	Books	BAKER & TAYLOR	10 BOOKS	111.72	81319
151-511-51-5-38-15	Books	INGRAM LIBRARY SERVICES	BOOKS	232.93	81337
151-511-51-5-38-15	Books	INGRAM LIBRARY SERVICES	BOOKS	10.38	81337
151-511-51-5-38-20	Audio/Visual	BAKER & TAYLOR	AUDIOBOOKS	48.96	81161
151-511-51-5-38-20	Audio/Visual	SYNCB/AMAZON	DVD'S, CD'S, CLOCKS, SUP	1,488.87	81203
151-511-51-5-38-20	Audio/Visual	BAKER & TAYLOR	7 AUDIOBOOKS	145.74	81251
151-511-51-5-38-20	Audio/Visual	BAKER & TAYLOR	AUDIOBOOK	13.59	81319
151-511-51-5-38-20	Audio/Visual	BAKER & TAYLOR	3 AUDIOBOOKS	59.82	81319
151-511-51-5-38-20	Audio/Visual	BAKER & TAYLOR	AUDIOBOOK	17.41	81319
151-511-51-5-38-30	Donation Expenditures	SYNCB/AMAZON	DVD'S, CD'S, CLOCKS, SUP	267.53	81203
151-511-51-5-38-30	Donation Expenditures	BAKER & TAYLOR	1 LP BOOK	16.82	81216
151-511-51-5-38-30	Donation Expenditures	BAKER & TAYLOR	3 BOOKS	74.20	81251
151-511-51-5-38-30	Donation Expenditures	BAKER & TAYLOR	LP BOOKS	31.00	81319
151-511-51-5-38-40	Library Programming	SYNCB/AMAZON	DVD'S, CD'S, CLOCKS, SUP	1.23	81203
151-511-51-5-38-40	Library Programming	ANDERSEN-KOPCZYK, DANA	SUPPLIES REIMBURSED	53.97	81248
Total For Dept 511-51				13,236.09	
Dept 512-51					
151-512-51-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	1,355.92	81206
151-512-51-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	60.59	81206

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 151 Library Fund					
Dept 512-51					
151-512-51-5-23-10	Cleaning Services	GIBB BUILDING MAINTENANC	CLEANING SERVICE	1,200.00	81331
151-512-51-5-23-15	Building Maint/Repair Se	ITU ABSORBTECH INC	MAT SERVICE	56.00	81178
151-512-51-5-23-15	Building Maint/Repair Se	ITU ABSORBTECH INC	NAT SERVICE-NOVEMBER	180.13	81374
151-512-51-5-35-10	Building Supplies	SYNCB/AMAZON	DVD'S, CD'S, CLOCKS, SUP	15.38	81203
151-512-51-5-35-10	Building Supplies	NASSCO INC	DISINFECTING WIPES	31.67	81350
Total For Dept 512-51				2,899.69	
Total For Fund 151 Libra				18,275.53	
Fund 152 Village Park & Pond Fund					
Dept 520-52					
152-520-52-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	15.71	81206
152-520-52-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	196.09	81206
152-520-52-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	16.39	81206
152-520-52-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	16.39	81381
152-520-52-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	15.71	81381
152-520-52-5-35-10	Building Supplies	MENARDS - MILWAUKEE	TREATED LUMBER	279.96	81277
152-520-52-5-37-10	Operation Materials	MENARDS - MILWAUKEE	ANTIFREEZE	93.24	81277
Total For Dept 520-52				633.49	
Dept 521-52					
152-521-52-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	42.81	81206
152-521-52-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	44.59	81381
152-521-52-5-35-40	Equip Repair/Maint Suppl	MARTENS RELIABLE TRUE VA	FAIRY CHASM MAINTNENANCE	17.16	81276
152-521-52-5-35-40	Equip Repair/Maint Suppl	MENARDS - MILWAUKEE	BATTERIES, TREATED LUMBE	41.88	81344
Total For Dept 521-52				146.44	
Total For Fund 152 Villa				779.93	
Fund 153 Recreation Program Fund					
Dept 000-67 PARKS & CULTURE/RECREATION					
153-000-67-4-30-25	Adult Instruction	REYNOLDS, STEPHANIE K	REFUND	70.00	81291
153-000-67-4-30-25	Adult Instruction	NAUERTZ, CAROL	REFUND	25.00	81351
153-000-67-4-30-25	Adult Instruction	SYNDER, CAROLINE	REFUND	10.00	81361
153-000-67-4-30-30	Youth Instruction	HAUSER, JENNIFER	REFUND-CARTOONING CLASS	20.00	81225
153-000-67-4-30-45	Senior Programs	BENES, BETSY	REFUND-LAMBEAU FIELD TRI	100.00	81164
153-000-67-4-30-45	Senior Programs	ESCHE, DON	REFUND-LAMBEAU FIELD TRI	100.00	81175
153-000-67-4-30-45	Senior Programs	JOBS, DANA	REFUND-LAMBEAU FIELD TOU	50.00	81180
153-000-67-4-30-45	Senior Programs	KASTENHOLZ, JAMES E	LAMBEAU FIELD TOUR REFUN	50.00	81183
153-000-67-4-30-45	Senior Programs	OLIVER, SARA	REFUND-LAMBEAU FIELD TOU	50.00	81192
153-000-67-4-30-45	Senior Programs	ROLOFF, PHILIP	LAMBEAU FIELD TRIP TOUR	50.00	81198
153-000-67-4-30-45	Senior Programs	KENWOOD, ANN	LANBEAU FIELD TOUR REFUN	50.00	81229
Total For Dept 000-67 PA				575.00	
Dept 542-53					
153-542-53-5-39-70	Program Supplies & Expen	BROWN DEER PARK & RECREA	CRIBBAGE TOURNAMENT PRIZ	260.00	81256
Total For Dept 542-53				260.00	
Dept 543-53					
153-543-53-5-39-70	Program Supplies & Expen	RUPPEL, STAN	SELF DEFENSE INSTRUCTION	387.00	81199
153-543-53-5-39-70	Program Supplies & Expen	RUPPEL, STAN	INSTRUCTOR'S FEE-SELF DE	387.00	81357
Total For Dept 543-53				774.00	
Total For Fund 153 Recre				1,609.00	
Fund 154 4th of July Fund					
Dept 000-53					
154-000-53-5-40-30	Bingo Supplies & Expense	DEPT OF ADMINISTRATION-G	BINGO OPERATIONAL TAX	13.75	81327
Total For Dept 000-53				13.75	
Total For Fund 154 4th o				13.75	
Fund 155 Community Center Fund					
Dept 546-53 Senior Center					

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GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 155 Community Center Fund					
Dept 546-53 Senior Center					
155-546-53-5-39-70	Program Supplies & Expen	PRO ONE JANITORIAL INC	JANITORIAL SERVICES-NOVE	545.30	81196
155-546-53-5-39-70	Program Supplies & Expen	WE ENERGIES	SERVICE-COMMUNITY CENTER	148.53	81241
155-546-53-5-39-70	Program Supplies & Expen	AT & T	SERVICE	55.68	81249
155-546-53-5-39-70	Program Supplies & Expen	WE ENERGIES	SERVICE	90.60	81381
Total For Dept 546-53 Se				840.11	
Dept 547-53 Community Center					
155-547-53-5-39-70	Program Supplies & Expen	PRO ONE JANITORIAL INC	JANITORIAL SERVICES-NOVE	233.70	81196
155-547-53-5-39-70	Program Supplies & Expen	WE ENERGIES	SERVICE-COMMUNITY CENTER	63.67	81241
155-547-53-5-39-70	Program Supplies & Expen	WE ENERGIES	SERVICE	38.83	81381
Total For Dept 547-53 Co				336.20	
Total For Fund 155 Commu				1,176.31	
Fund 170 BD Business Park Street Light Fund					
Dept 000-34 STATE SHARED REVENUE					
170-000-34-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	221.00	81241
Total For Dept 000-34 ST				221.00	
Total For Fund 170 BD Bu				221.00	
Fund 171 Kildeer Court Street Lighting Fund					
Dept 000-34 STATE SHARED REVENUE					
171-000-34-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	61.90	81241
Total For Dept 000-34 ST				61.90	
Total For Fund 171 Kilde				61.90	
Fund 172 Opus North Street Lighting Fund					
Dept 000-34 STATE SHARED REVENUE					
172-000-34-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	467.96	81241
172-000-34-5-23-30	Street Lighting Maint Se	OUTDOOR LIGHTING CONSTRU	TROUBLE SHOOT OUTAGES-GR	124.00	81234
172-000-34-5-23-30	Street Lighting Maint Se	OUTDOOR LIGHTING CONSTRU	POLE INSTALLATION-60TH &	1,410.00	81234
172-000-34-5-23-30	Street Lighting Maint Se	OUTDOOR LIGHTING CONSTRU	SCHROEDER & GREEN BAY-IN	114.00	81234
172-000-34-5-23-30	Street Lighting Maint Se	OUTDOOR LIGHTING CONSTRU	REMOVE POLE-60TH & BROWN	340.00	81234
Total For Dept 000-34 ST				2,455.96	
Total For Fund 172 Opus				2,455.96	
Fund 173 Park Plaza Street Lighting Fund					
Dept 000-34 STATE SHARED REVENUE					
173-000-34-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	1,065.63	81241
Total For Dept 000-34 ST				1,065.63	
Total For Fund 173 Park				1,065.63	
Fund 174 North Arbon Drive Street Lighting Fund					
Dept 000-34 STATE SHARED REVENUE					
174-000-34-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	230.44	81241
Total For Dept 000-34 ST				230.44	
Total For Fund 174 North				230.44	
Fund 175 BD Corporate Park Street Lighting Fund					
Dept 000-34 STATE SHARED REVENUE					
175-000-34-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	86.63	81241
Total For Dept 000-34 ST				86.63	
Total For Fund 175 BD Co				86.63	
Fund 320 Capital Improvement Project Fund					
Dept 000-72					
320-000-72-5-81-20	Police Dept. Equipment	ADVANTAGE POLICE SUPPLY	BALLISTIC VEST-ZIESE	798.00	81159
320-000-72-5-81-20	Police Dept. Equipment	BAYCOM	ARBITRATOR MICS	855.00	81162
320-000-72-5-81-20	Police Dept. Equipment	STREICHER'S - LB #7873	BALLISTIC VEST-DAWSON	799.00	81202
Total For Dept 000-72				2,452.00	
Dept 000-73 INTERGOVERNMENTAL CHARGES					

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Fund 320 Capital Improvement Project Fund					
Dept 000-73 INTERGOVERNMENTAL CHARGES					
320-000-73-5-82-30	Street Rehabilitation	AYRES ASSOCIATES	W FAIRY CHASM ROAD RECON	3,631.50	81318
320-000-73-5-82-30	Street Rehabilitation	AYRES ASSOCIATES	N 54TH STREET & W GOODRI	6,488.47	81318
320-000-73-5-82-30	Street Rehabilitation	AYRES ASSOCIATES	N 51ST ST & N 52ND STREE	2,821.00	81318
320-000-73-5-82-30	Street Rehabilitation	AYRES ASSOCIATES	N 51ST ST & 52ND ST TOPT	374.00	81318
320-000-73-5-82-30	Street Rehabilitation	AYRES ASSOCIATES	W FAIRY CHASM ROAD RECON	3,010.50	81318
Total For Dept 000-73 IN				16,325.47	
Dept 000-76					
320-000-76-5-82-55	Park Improvements	INFINITY EXTERORS LLC	ROOF REPLACEMENT-FAIRY C	4,840.00	81177
320-000-76-5-82-55	Park Improvements	ALL WAYS CONTRACTORS, IN	BADGER METER RIVER PARK	245,851.68	81214
Total For Dept 000-76				250,691.68	
Dept 000-77					
320-000-77-5-82-60	Beautification Projects	WAYSIDE NURSERIES INC	TREE REPLACEMENTS	1,546.00	81308
320-000-77-5-82-60	Beautification Projects	BOY SCOUT TROOP 7	WREATH & SWAGS	149.00	81321
Total For Dept 000-77				1,695.00	
Total For Fund 320 Capit				271,164.15	
Fund 350 TIF #2					
Dept 000-67 PARKS & CULTURE/RECREATION					
350-000-67-5-20-20	Professional Services	VON BRIESEN & ROPER S.C.	TID #2 -BRADLEY ROAD	200.00	81305
350-000-67-5-82-50	TIF District Projects	ASSOCIATED TRUST COMPANY	PAYING AGENT FEE 10/14 G	363.00	81317
Total For Dept 000-67 PA				563.00	
Total For Fund 350 TIF #				563.00	
Fund 353 TIF #3					
Dept 000-67 PARKS & CULTURE/RECREATION					
353-000-67-5-82-50	TIF District Projects	AYRES ASSOCIATES	PARK PLAZA COURT RECONST	5,960.61	81369
Total For Dept 000-67 PA				5,960.61	
Total For Fund 353 TIF #				5,960.61	
Fund 600 Water					
Dept 000-12 TAXES					
600-000-12-2-00-20	Accounts Payable-Other	MILWAUKEE WATER WORKS	OCT WHOLESALWATER	55,621.19	81347
Total For Dept 000-12 TA				55,621.19	
Dept 000-31 ACCOUNTS RECEIVALBE					
600-000-31-1-60-10	Accounts Receivable-Cust	BUSZKIEWICZ, LYNN	REIMBURSEMENT WATER UTIL	222.39	81257
Total For Dept 000-31 AC				222.39	
Dept 612-37 Pumping Expense					
600-612-37-5-22-10	Power Purchased for Pump	WE ENERGIES	SERVICE-5998 BRADLEY RD	170.62	81206
600-612-37-5-22-10	Power Purchased for Pump	WE ENERGIES	SERVICE-4290 CALUMET ROA	76.11	81206
Total For Dept 612-37 Pu				246.73	
Dept 614-37 Trans & Distribution Expense					
600-614-37-5-30-90	Miscellaneous Expense	WE ENERGIES	SERVICE	120.39	81206
600-614-37-5-30-90	Miscellaneous Expense	WE ENERGIES	SERVICE	70.10	81381
600-614-37-5-30-90	Miscellaneous Expense	WE ENERGIES	SERVICE	102.65	81381
600-614-37-5-35-62	Maintenance-Main	RODRIGUEZ CONSTRUCTION C	PAVEMENT PATCHING	1,499.57	81293
Total For Dept 614-37 Tr				1,792.71	
Dept 616-37 Customer Account Expense					
600-616-37-5-36-30	Customer Records/Collect	UNITED MAILING SERVICES	FOLD, INSERT, MAIL WATER	1,942.44	81362
Total For Dept 616-37 Cu				1,942.44	
Dept 620-37 Admin & General Expense					
600-620-37-5-20-20	Professional Services	ESCHE, DON	BOOKKEEPING SERVICES	775.00	81329
600-620-37-5-30-10	Office Supplies, Equip &	AT & T	SERVICE	25.07	81249
600-620-37-5-30-10	Office Supplies, Equip &	VERIZON WIRELESS	VILLAGE, POLICE, DPW, WA	51.53	81380
Total For Dept 620-37 Ad				851.60	
Total For Fund 600 Water				60,677.06	

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 610 Storm Water					
Dept 000-36					
610-000-36-5-20-20	Professional Services	BENTLEY SYSTEMS INC.	POWER INROADS SUBSCRIPTI	564.25	81254
610-000-36-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	18.28	81241
610-000-36-5-23-20	Turf Maintenance	FOX SERVICES, LLC	OCTOBER MOWING-SCHEDULE	537.28	81330
610-000-36-5-23-20	Turf Maintenance	FOX SERVICES, LLC	OCTOBER MOWING-SCHEDULE	598.87	81330
610-000-36-5-23-20	Turf Maintenance	FOX SERVICES, LLC	OCTOBER MOWING-SCHEDULE	484.24	81330
610-000-36-5-26-10	Cleaning Service	ALSCO AMERICAN INDUSTRIA	SERVICE FLOOR AMTS	43.23	81247
610-000-36-5-29-30	Landfill fees	ADVANCED DISPOSAL SERVIC	REFUSE, RECYCLING YARD W	240.00	81316
610-000-36-5-33-10	Tools & Supplies	LINCOLN CONTRACTORS	12 CANS PINK MARKING PAI	40.68	81275
610-000-36-5-33-10	Tools & Supplies	LINCOLN CONTRACTORS	PVS GLOVES	2.39	81275
610-000-36-5-33-10	Tools & Supplies	LINCOLN CONTRACTORS	WORK GLOVES	13.77	81275
610-000-36-5-34-30	Safety Supplies	SHERWIN INDUSTRIES	HIGH VISIBILITY JACKET	42.00	81296
610-000-36-5-35-20	Vehicle Repair/Maint Sup	ZARNOTH BRUSH WORKS INC	2 GUTTER BROOMS	13.00	81315
610-000-36-5-35-20	Vehicle Repair/Maint Sup	NAPA FALLS AUTO PARTS &	BULBS-SWEEPER	14.68	81349
610-000-36-5-90-10	DPW Operations Allocatio	AYRES ASSOCIATES	BRADLEY ROAD RECONSTRUCT	26,740.11	81318
610-000-36-5-90-10	DPW Operations Allocatio	AYRES ASSOCIATES	BRADLEY ROAD RECONSTRUCT	22,031.33	81318
610-000-36-5-90-10	DPW Operations Allocatio	AYRES ASSOCIATES	BRADLEY ROAD RECONSTRUCT	11,509.61	81318
610-000-36-5-90-10	DPW Operations Allocatio	AYRES ASSOCIATES	BRADLEY ROAD RECONSTRUCT	5,092.50	81318
Total For Dept 000-36				67,986.22	
Total For Fund 610 Storm				67,986.22	
Fund 630 Sewer					
Dept 000-36					
630-000-36-5-20-20	Professional Services	BENTLEY SYSTEMS INC.	POWER INROADS SUBSCRIPTI	63.50	81254
630-000-36-5-20-45	Engineering Services	R.A. SMITH NATIONAL	FLOW METER-WEB HOUSING F	350.00	81290
630-000-36-5-20-45	Engineering Services	R.A. SMITH NATIONAL	FLOW METER WEB HOUSING F	350.00	81290
630-000-36-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	42.01	81206
630-000-36-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	63.90	81206
630-000-36-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	39.72	81381
630-000-36-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	53.23	81381
630-000-36-5-22-10	Natural Gas/Electric Ser	WE ENERGIES	SERVICE	47.56	81381
630-000-36-5-23-10	Cleaning Services	ANSHUS, PATTY	MONTHLY CLEANING-MUNI CO	200.00	81215
630-000-36-5-23-10	Cleaning Services	ALSCO AMERICAN INDUSTRIA	SERVICE FLOOR MATS	43.23	81247
630-000-36-5-33-10	Tools & Supplies	LINCOLN CONTRACTORS	CAULK GUN-SANITARY SEWER	283.69	81275
630-000-36-5-33-10	Tools & Supplies	MARTENS RELIABLE TRUE VA	SUPPLIES	26.64	81276
630-000-36-5-33-10	Tools & Supplies	MENARDS - MILWAUKEE	MASONRY SEAL	69.36	81277
630-000-36-5-33-10	Tools & Supplies	MENARDS - MILWAUKEE	CONCRETE MASONRY SEAL	69.36	81277
630-000-36-5-33-10	Tools & Supplies	MENARDS - MILWAUKEE	CONCRETE MASONRY SEAL	63.58	81277
630-000-36-5-33-10	Tools & Supplies	MENARDS - MILWAUKEE	MANHOLE SEALANT	71.88	81277
630-000-36-5-35-60	Maintenance-System	MISSION COMMUNICATIONS L	SERVICE PACKAGE-MANHOLE	227.40	81283
630-000-36-5-37-10	Operations Material	COUNTY MATERIALS CORPORA	RUBBER ADJUSTING RINGS-S	5,559.00	81263
630-000-36-5-37-10	Operations Material	SHORELINE CONTRACTING SE	CLEAN ASPHALT DISPOSAL	20.00	81297
630-000-36-5-37-10	Operations Material	SHORELINE CONTRACTING SE	CLEAN ASPHALT DISPOSAL	20.00	81297
630-000-36-5-37-10	Operations Material	SHORELINE CONTRACTING SE	CLEAN ASPHALT DISPOSAL	20.00	81297
630-000-36-5-37-10	Operations Material	SHORELINE CONTRACTING SE	T.B., CLEAN ASPHALT DISP	367.52	81297
630-000-36-5-37-10	Operations Material	SHORELINE CONTRACTING SE	T.B. CLEAN ASPHALT DEPOS	99.76	81297
630-000-36-5-37-10	Operations Material	HALQUIST STONE COMPANY	22.47 TONS 3/4 " CHIPS	174.14	81335
630-000-36-5-37-10	Operations Material	HALQUIST STONE COMPANY	STONE TRANSPORT	137.07	81335
630-000-36-5-37-10	Operations Material	RODRIGUEZ CONSTRUCTION C	PAVEMENT REPAIR-48TH & S	650.00	81356
630-000-36-5-37-20	MONITORING	VERIZON WIRELESS	VILLAGE, POLICE, DPW, WA	100.31	81380
630-000-36-5-81-35	Capital Equipment-Sewer	CITY OF MEQUON	SANITARY SEWER TV TRUCK	37,817.11	81218
630-000-36-5-82-45	Inflow/Infiltration Cont	RODRIGUEZ CONSTRUCTION C	PAVEMENT PATCHING	11,603.36	81293
Total For Dept 000-36				58,633.33	
Total For Fund 630 Sewer				58,633.33	

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GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 700 Liability Insurance Fund					
Dept 000-19					
700-000-19-5-51-75	Insurance Claims	MICHALSKI, DAVID & DEBOR	REIMBURSEMENT FOR VEHICL	1,736.72	81278
		Total For Dept 000-19		1,736.72	
		Total For Fund 700 Liabi		1,736.72	
Fund 800 Tax Agency					
Dept 000-31 ACCOUNTS RECEIVALBE					
800-000-31-2-00-50	Prepaid Tax Accounts	MILWAUKEE CO TREASURER	LATE TAX PAYMENT-TURN OV	1,200.00	81190
		Total For Dept 000-31 AC		1,200.00	
Dept 000-43 INSPECTION PERMITS					
800-000-43-2-00-75	Late Tax Payments Due Mi	MILWAUKEE CO TREASURER	LATE 2014 TAX PAYMENT-TU	348.72	81190
		Total For Dept 000-43 IN		348.72	
		Total For Fund 800 Tax A		1,548.72	

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Fund Totals:					
			Fund 010 General Fund	140,363.67	
			Fund 020 Donation Fund	975.36	
			Fund 120 PD Asset Forfei	5,264.88	
			Fund 135 Recycling Fund	24,714.19	
			Fund 140 North Shore Hea	3,328.33	
			Fund 141 NSHD Grant Fund	6.15	
			Fund 151 Library Fund	18,275.53	
			Fund 152 Village Park &	779.93	
			Fund 153 Recreation Prog	1,609.00	
			Fund 154 4th of July Fun	13.75	
			Fund 155 Community Cente	1,176.31	
			Fund 170 BD Business Par	221.00	
			Fund 171 Kildeer Court S	61.90	
			Fund 172 Opus North Stre	2,455.96	
			Fund 173 Park Plaza Stre	1,065.63	
			Fund 174 North Arbon Dri	230.44	
			Fund 175 BD Corporate Pa	86.63	
			Fund 320 Capital Improve	271,164.15	
			Fund 350 TIF #2	563.00	
			Fund 353 TIF #3	5,960.61	
			Fund 600 Water	60,677.06	
			Fund 610 Storm Water	67,986.22	
			Fund 630 Sewer	58,633.33	
			Fund 700 Liability Insur	1,736.72	
			Fund 800 Tax Agency	1,548.72	
				<hr/>	
				668,898.47	

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 1 General Checking Account					
10/30/2015	1	81158	007842	A T & T	43.38
10/30/2015	1	81159	007843	ADVANTAGE POLICE SUPPLY	963.00
10/30/2015	1	81160	001156	AUTO COLLISION SPECIALISTS	911.10
10/30/2015	1	81161	001185	BAKER & TAYLOR	1,408.19
10/30/2015	1	81162	005955	BAYCOM	855.00
10/30/2015	1	81163	001209	BAYSIDE, VILLAGE OF	452.19
10/30/2015	1	81164	008673	BENES, BETSY	100.00
10/30/2015	1	81165	003425	BMO HARRIS BANK N. A.	80.00
10/30/2015	1	81166	007273	CAPRILE, BARBARA G	1,500.00
10/30/2015	1	81167	006148	CENTRAL OFFICE SYSTEMS	153.02
10/30/2015	1	81168	007841	CITY OF MILWAUKEE HEALTH DEPT LAB	1,332.00
10/30/2015	1	81169	003122	CLEAR CUT PRINT SOLUTIONS	214.25
10/30/2015	1	81170	008457	COMPLETE OFFICE OF WISCONSIN	243.41
10/30/2015	1	81171	007860	CONFLUENCE GRAPHICS	115.30
10/30/2015	1	81172	008676	CRESTMARK BANK-DRAWER# 1807	3,392.34
10/30/2015	1	81173	001481	DEMCO	300.00
10/30/2015	1	81174	001548	ELECTION SYSTEMS & SOFTWARE	7,070.00
10/30/2015	1	81175	002735	ESCHE, DON	100.00
10/30/2015	1	81176	004563	GENERAL COMMUNICATIONS INC	675.00
10/30/2015	1	81177	007395	INFINITY EXTERORS LLC	4,840.00
10/30/2015	1	81178	001758	ITU ABSORBTECH INC	56.00
10/30/2015	1	81179	005612	J & H HEATING INC	98.00
10/30/2015	1	81180	008674	JOBS, DANA	50.00
10/30/2015	1	81181	001805	JUNK, MARK	60.12
10/30/2015	1	81182	007214	KAIN ENERGY CORPORATION	460.00
10/30/2015	1	81183	008419	KASTENHOLZ, JAMES E	50.00
10/30/2015	1	81184	007736	KONICA MINOLTA PREMIER	267.43
10/30/2015	1	81185	001857	LARK UNIFORM OUTFITTERS	361.77
10/30/2015	1	81186	001861	LASER TECHNOLOGY INC	373.00
10/30/2015	1	81187	001870	LEADER TOWING AND TRANSPORT	100.00
10/30/2015	1	81188	008638	MILJEVIC, SANJA	295.42
10/30/2015	1	81189	008310	MILWAUKEE BUSINESS JOURNAL	185.00
10/30/2015	1	81190	001967	MILWAUKEE CO TREASURER	1,548.72
10/30/2015	1	81191	004592	MORGAN, JOSHUA	665.27
10/30/2015	1	81192	008675	OLIVER, SARA	50.00
10/30/2015	1	81193	007499	PARK PET	155.79
10/30/2015	1	81194	008678	PICK N SAVE	312.07
10/30/2015	1	81195	008447	PIRANHA PAPER SHREDDING, LLC	35.00
10/30/2015	1	81196	008073	PRO ONE JANITORIAL INC	779.00
10/30/2015	1	81197	004212	RED THE UNIFORM TAILOR	290.00
10/30/2015	1	81198	008677	ROLOFF, PHILIP	50.00
10/30/2015	1	81199	008559	RUPPEL, STAN	387.00
10/30/2015	1	81200	007454	SCHMIT BROTHERS	247.19
10/30/2015	1	81201	003454	SCRUB BROWN DEER LLC	15.00
10/30/2015	1	81202	002340	STREICHER'S - LB #7873	855.99
10/30/2015	1	81203	007920	SYNCE/AMAZON	1,773.01
10/30/2015	1	81204	002436	U.S. POSTAL SERVICE	1,500.00
10/30/2015	1	81205	002482	VERIZON WIRELESS	504.98
10/30/2015	1	81206	007745	WE ENERGIES	7,785.53
10/30/2015	1	81207	008672	WFTOA	195.00
10/30/2015	1	81208	002557	WI DEPT OF JUSTICE	14.00
10/30/2015	1	81209	004152	WI DEPT OF JUSTICE CRIME INFO	486.00
10/30/2015	1	81210	008485	YMCA OF GREATER WAUKESHA COUNTY	10.00
10/30/2015	1	81211	008517	YOUNG, GREG	110.00

1 TOTALS:

Total of 54 Checks:	44,874.47
Less 0 Void Checks:	0.00
Total of 54 Disbursements:	44,874.47

Cynde Jarshank 10/29/15

11/02/2015 09:39 AM
User: gerthde
DB: Brown Deer

CHECK REGISTER FOR VILLAGE OF BROWN DEER
CHECK DATE FROM 11/02/2015 - 11/02/2015

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 1 General Checking Account					
11/02/2015	1	81212	002882	BROWN DEER PARK & RECREATION	85.00
1 TOTALS:					
Total of 1 Checks:					85.00
Less 0 Void Checks:					0.00
Total of 1 Disbursements:					85.00

SNM
11/2/15

11/05/2015 09:42 AM
User: gerthde
DB: Brown Deer

CHECK REGISTER FOR VILLAGE OF BROWN DEER
CHECK DATE FROM 11/05/2015 - 11/05/2015

Page: 1/1

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 1 General Checking Account					
11/05/2015	1	81213	004568	FUCHS & BOYLE SC	<u>9,462.00</u>
1 TOTALS:					
Total of 1 Checks:					9,462.00
Less 0 Void Checks:					<u>0.00</u>
Total of 1 Disbursements:					9,462.00

Cyndee Garshorn 11/5/15

11/06/2015 10:08 AM
User: gerthde
DB: Brown Deer

CHECK REGISTER FOR VILLAGE OF BROWN DEER
CHECK DATE FROM 11/06/2015 - 11/06/2015

Page: 1/1

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 1 General Checking Account					
11/06/2015	1	81214	008680	ALL WAYS CONTRACTORS, INC	245,851.68
11/06/2015	1	81215	003096	ANSHUS, PATTY	200.00
11/06/2015	1	81216	001185	BAKER & TAYLOR	805.36
11/06/2015	1	81217	008667	BANACH, COLLEEN	107.64
11/06/2015	1	81218	001387	CITY OF MEQUON	37,817.11
11/06/2015	1	81219	008457	COMPLETE OFFICE OF WISCONSIN	175.39
11/06/2015	1	81220	001481	DEMCO	375.34
11/06/2015	1	81221	003396	EHLERS INVESTMENT PARTNERS	1,184.45
11/06/2015	1	81222	008681	FARNHAM, CYNDEE	414.55
11/06/2015	1	81223	007447	GLOVER, TANYA	195.87
11/06/2015	1	81224	008392	HALL, VIRGINIA	25.00
11/06/2015	1	81225	008455	HAUSER, JENNIFER	20.00
11/06/2015	1	81226	007698	JACOBS, DAVID	401.45
11/06/2015	1	81227	001800	JOHNSON, ROGER	63.79
11/06/2015	1	81228	007504	JOURNAL SENTINEL INC	324.65
11/06/2015	1	81229	008679	KENWOOD, ANN	50.00
11/06/2015	1	81230	007381	KETTLE MORAIN YMCA	30.00
11/06/2015	1	81231	001950	MILW CO FEDERATED LIBRARY SYS	549.70
11/06/2015	1	81232	001967	MILWAUKEE CO TREASURER	1,682.13
11/06/2015	1	81233	008277	NORTH SHORE MUNI COURT-GLENDALE	242.00
11/06/2015	1	81234	002091	OUTDOOR LIGHTING CONSTRUCTION	1,988.00
11/06/2015	1	81235	002126	PETRAS, ERIKA	51.75
11/06/2015	1	81236	007762	R.T. BARBEE CO., INC	183.59
11/06/2015	1	81237	006863	SIMERLY, BRAD	405.88
11/06/2015	1	81238	002743	STATE OF WISCONSIN	5,849.49
11/06/2015	1	81239	002412	TOTAL ENERGY SYSTEMS	614.76
11/06/2015	1	81240	003491	U.S. HEALTHWORKS MED GROUP OF WI	53.00
11/06/2015	1	81241	007745	WE ENERGIES	2,909.56
11/06/2015	1	81242	002564	WI DEPT OF REVENUE	2,321.25
11/06/2015	1	81243	007382	YMCA OF METRO MILWAUKEE	30.00

1 TOTALS:

Total of 30 Checks: 304,923.39
Less 0 Void Checks: 0.00
Total of 30 Disbursements: 304,923.39

Cyndee Farnham 11/6/15

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 1 General Checking Account					
11/13/2015	1	81244	001006	A FILLINGER	23.39
11/13/2015	1	81245	007842	A T & T	40.09
11/13/2015	1	81246	001025	ACCURATE RECHARGE & FIRE	437.75
11/13/2015	1	81247	001071	ALSCO AMERICAN INDUSTRIAL DIVI	129.69
11/13/2015	1	81248	006369	ANDERSEN-KOPCZYK, DANA	53.97
11/13/2015	1	81249	001150	AT & T	473.49
11/13/2015	1	81250	001155	AUTO BRAKE CLUTCH & GEAR	158.00
11/13/2015	1	81251	001185	BAKER & TAYLOR	1,851.20
11/13/2015	1	81252	001209	BAYSIDE, VILLAGE OF	1,235.83
11/13/2015	1	81253	008683	BEN'S CYCLE & FITNESS INC	4,280.00
11/13/2015	1	81254	004074	BENTLEY SYSTEMS INC.	627.75
11/13/2015	1	81255	001295	BROWN DEER LAWN SERVICE	126.00
11/13/2015	1	81256	002882	BROWN DEER PARK & RECREATION	260.00
11/13/2015	1	81257	008684	BUSZKIEWICZ, LYNN	222.39
11/13/2015	1	81258	001322	CADDOCK, BRAD	47.81
11/13/2015	1	81259	006148	CENTRAL OFFICE SYSTEMS	118.13
11/13/2015	1	81260	001394	CKC GRAPHICS & SIGNS	50.00
11/13/2015	1	81261	007934	CLIFTONLARSONALLEN LLP	6,000.00
11/13/2015	1	81262	008457	COMPLETE OFFICE OF WISCONSIN	73.83
11/13/2015	1	81263	005979	COUNTY MATERIALS CORPORATION	5,559.00
11/13/2015	1	81264	008558	EIFFLER, STEPHANIE	19.55
11/13/2015	1	81265	001562	ENVIRONMENTAL INNOVATIONS INC	297.80
11/13/2015	1	81266	001606	FOX WELDING SUPPLY INC	28.06
11/13/2015	1	81267	007095	HERBST OIL INC	5,084.11
11/13/2015	1	81268	006192	HERITAGE CRYSTAL CLEAN LLC	626.78
11/13/2015	1	81269	008645	HGREGG	50.00
11/13/2015	1	81270	001733	HOIER, CHAD	161.00
11/13/2015	1	81271	001744	HYDROTEX INC	298.78
11/13/2015	1	81272	005881	ICPC	125.00
11/13/2015	1	81273	001851	LAKESIDE INT'L TRUCKS INC	102.94
11/13/2015	1	81274	001867	LAWSON PRODUCTS INC	316.18
11/13/2015	1	81275	001881	LINCOLN CONTRACTORS	400.53
11/13/2015	1	81276	001912	MARTENS RELIABLE TRUE VALUE	293.58
11/13/2015	1	81277	001925	MENARDS - MILWAUKEE	1,166.57
11/13/2015	1	81278	004207	MICHALSKI, DAVID & DEBORAH	1,736.72
11/13/2015	1	81279	005296	MID-AMERICAN RESEARCH CHEMICAL	355.75
11/13/2015	1	81280	007919	MILWAUKEE CO OFFICE OF THE SHERIFF	626.00
11/13/2015	1	81281	003748	MILWAUKEE COUNTY CLERK OF	150.00
11/13/2015	1	81282	004298	MILWAUKEE SPRING & ALIGNMENT	1,162.60
11/13/2015	1	81283	007488	MISSION COMMUNICATIONS LLC	227.40
11/13/2015	1	81284	002001	MONROE TRUCK EQUIPMENT	320.48
11/13/2015	1	81285	007499	PARK PET	154.30
11/13/2015	1	81286	005179	PARKS, RANDIE	295.80
11/13/2015	1	81287	002110	PAYNE & DOLAN INC	102.00
11/13/2015	1	81288	007328	PLATT, KATHLEEN	116.54
11/13/2015	1	81289	008073	PRO ONE JANITORIAL INC	2,345.00
11/13/2015	1	81290	007818	R.A. SMITH NATIONAL	700.00
11/13/2015	1	81291	008335	REYNOLDS, STEPHANIE K	70.00
11/13/2015	1	81292	008686	ROACH, ERICA	100.00
11/13/2015	1	81293	002229	RODRIGUEZ CONSTRUCTION CORP	13,102.93
11/13/2015	1	81294	004858	RUEKERT MIELKE	891.25
11/13/2015	1	81295	003454	SCRUB BROWN DEER LLC	12.00
11/13/2015	1	81296	002286	SHERWIN INDUSTRIES	42.00
11/13/2015	1	81297	004677	SHORELINE CONTRACTING SERVICES	527.28
11/13/2015	1	81298	005059	SNAP-ON TOOLS	113.50
11/13/2015	1	81299	002963	TAPCO	3,130.55
11/13/2015	1	81300	008682	TAYLOR, DONNELL G	150.00
11/13/2015	1	81301	002287	THE SHERWIN WILLIAMS COMPANY	154.60
11/13/2015	1	81302	007416	THOMPSON, MARK	358.23
11/13/2015	1	81303	004356	TIME WARNER CABLE	395.95
11/13/2015	1	81304	008247	TRANSUNION RISK & ALTERNATIVE DATA	9.50
11/13/2015	1	81305	008290	VON BRIESEN & ROPER S.C.	200.00
11/13/2015	1	81306	008685	WALZ, ERIC J	50.00
11/13/2015	1	81307	002511	WAUKESHA COUNTY TECHNICAL	181.08
11/13/2015	1	81308	002517	WAYSIDE NURSERIES INC	1,546.00
11/13/2015	1	81309	007745	WE ENERGIES	4,009.29
11/13/2015	1	81310	002528	WEST ALLIS POLICE DEPART	464.00
11/13/2015	1	81311	008059	WILLIAMS-VAN KLOOSTER, BRIAN	260.53
11/13/2015	1	81312	004600	WM. A. ZACHOW & SONS INC	663.40
11/13/2015	1	81313	007903	WVRC EMERGENCY & SPECIALTY PET CARE	2,792.00
11/13/2015	1	81314	002637	XEROX CORPORATION	440.09
11/13/2015	1	81315	002642	ZARNOTH BRUSH WORKS INC	13.00

1 TOTALS:

Total of 72 Checks:	68,708.95
Less 0 Void Checks:	0.00
Total of 72 Disbursements:	68,708.95

Sum
 11/13/15

User: gerthde

CHECK DATE FROM 11/20/2015 - 11/20/2015

DB: Brown Deer

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 1 General Checking Account					
11/20/2015	1	81316	005528	ADVANCED DISPOSAL SERVICES	55,586.28 ✓
11/20/2015	1	81317	004788	ASSOCIATED TRUST COMPANY	363.00 ✓
11/20/2015	1	81318	001168	AYRES ASSOCIATES	81,699.02 ✓
11/20/2015	1	81319	001185	BAKER & TAYLOR	1,205.51 ✓
11/20/2015	1	81320	001209	BAYSIDE, VILLAGE OF	1,723.97 ✓
11/20/2015	1	81321	008296	BOY SCOUT TROOP 7	149.00 ✓
11/20/2015	1	81322	008242	BROWN DEER LIBRARY	50.00 ✓
11/20/2015	1	81323	007756	CENTURY LINK	1.83 ✓
11/20/2015	1	81324	003122	CLEAR CUT PRINT SOLUTIONS	483.00 ✓
11/20/2015	1	81325	008457	COMPLETE OFFICE OF WISCONSIN	81.46 ✓
11/20/2015	1	81326	008693	DAVIS, DELONDA	150.00 ✓
11/20/2015	1	81327	001489	DEPT OF ADMINISTRATION-GAMING	13.75 ✓
11/20/2015	1	81328	007976	EMERGENCY MEDICAL PRODUCTS	524.10 ✓
11/20/2015	1	81329	002735	ESCHE, DON	775.00 ✓
11/20/2015	1	81330	007711	FOX SERVICES, LLC	4,501.08 ✓
11/20/2015	1	81331	008496	GIBB BUILDING MAINTENANCE	1,200.00 ✓
11/20/2015	1	81332	008698	GLENNCO INC POSTAGE TRUST ACCOUNT	1,355.00 ✓
11/20/2015	1	81333	008075	GOOD YEAR COMMERCIAL TIRE	152.16 ✓
11/20/2015	1	81334	002496	GRAINGER	63.94 ✓
11/20/2015	1	81335	001710	HALQUIST STONE COMPANY	311.21 ✓
11/20/2015	1	81336	001777	IBD LLC	771.70 ✓
11/20/2015	1	81337	002680	INGRAM LIBRARY SERVICES	243.31 ✓
11/20/2015	1	81338	004774	JOURNAL SENTINEL	703.10 ✓
11/20/2015	1	81339	007736	KONICA MINOLTA PREMIER	267.43 ✓
11/20/2015	1	81340	001857	LARK UNIFORM OUTFITTERS	248.35 ✓
11/20/2015	1	81341	006455	LEMBERG ELECTRIC COMPANY INC	122.23 ✓
11/20/2015	1	81342	008695	LONDON, NICOLE	150.00 ✓
11/20/2015	1	81343	008696	MASON, NATHAN	150.00 ✓
11/20/2015	1	81344	001925	MENARDS - MILWAUKEE	140.86 ✓
11/20/2015	1	81345	008687	MEQUER PAINTING & HOME IMPROVEMENT	200.00 ✓
11/20/2015	1	81346	008688	MILWAUKEE CO TREASURER	1,056.00 ✓
11/20/2015	1	81347	005127	MILWAUKEE WATER WORKS	55,621.19 ✓
11/20/2015	1	81348	003175	MUNICIPAL CODE CORPORATION	2,843.20 ✓
11/20/2015	1	81349	002022	NAPA FALLS AUTO PARTS & SUPPLI	221.00 ✓
11/20/2015	1	81350	002023	NASSCO INC	31.67 ✓
11/20/2015	1	81351	008689	NAUERTZ, CAROL	25.00 ✓
11/20/2015	1	81352	007006	PARAGON DEVELOPMENT SYSTEMS	1,150.00 ✓
11/20/2015	1	81353	007481	RADTKE, KIRK	13.48 ✓
11/20/2015	1	81354	004212	RED THE UNIFORM TAILOR	563.21 ✓
11/20/2015	1	81355	003060	RICOH USA INC	822.24 ✓
11/20/2015	1	81356	002229	RODRIGUEZ CONSTRUCTION CORP	650.00 ✓
11/20/2015	1	81357	008559	RUPPEL, STAN	387.00 ✓
11/20/2015	1	81358	002244	SAFETY MART	36.71 ✓
11/20/2015	1	81359	008428	SUPERIOR VISION INSURANCE	353.65 ✓
11/20/2015	1	81360	008697	SWIFT, SHANTIA	150.00 ✓
11/20/2015	1	81361	008690	SYNDER, CAROLINE	10.00 ✓
11/20/2015	1	81362	002842	UNITED MAILING SERVICES	1,942.44 ✓
11/20/2015	1	81363	008691	VILLAGE OF BIG BEND	88.80 ✓
11/20/2015	1	81364	002528	WEST ALLIS POLICE DEPART	903.50 ✓
11/20/2015	1	81365	007403	WI STATE LAB OF HYGIENE	40.00 ✓
11/20/2015	1	81366	002637	XEROX CORPORATION	52.62 ✓

1 TOTALS:

Total of 51 Checks:

220,348.00

Less 0 Void Checks:

0.00

Total of 51 Disbursements:

220,348.00

Susie
11/20/15

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 1 General Checking Account					
11/25/2015	1	81367	007842	A T & T	39.69
11/25/2015	1	81368	008032	ASSOCIATED APPRAISAL CONSULTANTS	220.82
11/25/2015	1	81369	001168	AYRES ASSOCIATES	5,960.61
11/25/2015	1	81370	003122	CLEAR CUT PRINT SOLUTIONS	299.00
11/25/2015	1	81371	008457	COMPLETE OFFICE OF WISCONSIN	367.41
11/25/2015	1	81372	007860	CONFLUENCE GRAPHICS	73.00
11/25/2015	1	81373	008699	HAUSER, NICHOLAS	31.68
11/25/2015	1	81374	001758	ITU ABSORBTECH INC	180.13
11/25/2015	1	81375	005612	J & H HEATING INC	1,076.36
11/25/2015	1	81376	008073	PRO ONE JANITORIAL INC	2,345.00
11/25/2015	1	81377	004212	RED THE UNIFORM TAILOR	984.88
11/25/2015	1	81378	004858	RUEKERT MIELKE	1,495.00
11/25/2015	1	81379	004238	SANOPI PASTEUR INC	301.82
11/25/2015	1	81380	002482	VERIZON WIRELESS	1,041.81
11/25/2015	1	81381	007745	WE ENERGIES	6,069.45
11/25/2015	1	81382	008485	YMCA OF GREATER WAUKESHA COUNTY	10.00

1 TOTALS:

Total of 16 Checks:	20,496.66
Less 0 Void Checks:	0.00
Total of 16 Disbursements:	20,496.66

SWSW
11/25/15