



*** All present are expected to conduct themselves in accordance with our City's Core Values ***

OFFICIAL NOTICE AND AGENDA

of a meeting of a City Board, Commission, Department, Committee, Agency, Corporation, Quasi-Municipal Corporation, or sub-unit thereof.

Meeting of the: **AIRPORT COMMITTEE**
Date/Time: **Wednesday, May 14, 2014 @ 6:00 pm.**
Location: **Wausau Downtown Airport Terminal Building Conference Room**
Members: William Nagle (C), Sherry Abitz, Karen Kellbach, Robert Mielke, Bob Mohr, Dick Gehrt, Todd Pauls

AGENDA ITEMS FOR CONSIDERATION (All items listed may be acted upon)

- Call to Order/Roll Call
- 1 Consider Minutes of previous meeting, March 12, 2014
- 2 Airport Manager Report - Chmiel
- 3 Airport Budget Review - Groat
- 4 Wausau Downtown Airport Access Agreement Update - Chmiel
- 5 Discussion and Possible Action on Kocourek Hangar Construction - Chmiel
- 6 Discussion and Possible Action on Airport Engineering Consultant Selection - Chmiel
- 7 Discussion and Possible Action on Radtke Point Stabilization Engineering Request for Proposals (RFP) - Duncanson
- Adjournment

William Nagle
Chairperson

IMPORTANT: FOUR (4) MEMBERS NEEDED FOR A QUORUM: If you are unable to attend the meeting, please notify Mary by calling (715)261-6621 or via email mary.goede@ci.wausau.wi.us

This Notice was posted at City Hall and faxed to the Daily Herald newsroom on 05/08/14 @ 9:30 am

Please note that, upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids & services. For information or to request this service, contact the City Clerk at (715) 261-6620.

Other Distribution: Media, Council (Wagner, Nutting, Neal, Gisselman, Oberbeck, Rasmussen, Winters) Tipple, Chmiel, Groat,*Alfonso, Duncanson

AIRPORT COMMITTEE

Time and Place: Wednesday, March 12, 2014 at 6:00 p.m. at the Wausau Downtown Airport Terminal Conference Room

Members Present: Nagle, Mohr, Kellbach, Rasmussen

Members Excused: Gehrt, Pauls, Brezinski

Others Present: John Chmiel, Airport Manager, Tara Alfonso, Assistant City Attorney, MaryAnne Groat, Finance Director

In accordance with Chapter 19, Wisconsin Statutes, notice of this meeting was posted and copy sent to the Daily Herald in the proper manner.

Chair Nagle called the meeting to order at 6:00 p.m.

Minutes of Previous Meeting

The minutes of October 29th, 2013 were reviewed and placed on file. Mohr moved to approve the committee minutes as submitted, second by Kelbach. Motion approved 4-0

Airport Manager's Report – Chmiel

Chmiel explained the Airport Manager's Report for February 2014; and the report was placed on file. Mohr moved to approve the manager's report as submitted, second by Rasmussen. Motion approved 4-0. See copy on file.

Airport Budget Review - Groat

Groat explained the Airport Budget Report for end of year 2013; and the report was placed on file. Mohr moved to approve the budget report as submitted, second by Kelbach. Motion approved 4-0. See copy on file.

FBO/Airport Manager Evaluation

Groat confirmed that the committee had received and reviewed the responses to the FBO/Airport Manager evaluation questionnaire. Groat summarized the results of the survey by saying that no negative responses had been received regarding the performance of Wausau Flying Service, Inc. for FBO services at the Wausau Airport or for John Chmiel's performance as the airport manager, and in fact, the responses were overwhelmingly positive regarding job performance. The next FBO/Airport Manager Evaluation will take place in 2018.

Consider “Through The Fence” Opportunities At Wausau Downtown Airport

Chmiel stated that after discussions with the WI BOA, he found that there are four airports in the state that have existing RTTF's: Minocqua's Noble F. Lee Memorial, Fish Creek, Oshkosh, and Adams/Friendship. Chmiel was able to speak with the airport managers from Oshkosh and Adams/Friendship and gain copies of their current RTTFs.

The airport managers from both airports stated that the RTTFs at their airports hadn't necessarily been positive experiences. Adams/Friendship RTTF was difficult because there is not a perimeter fence around the airport. Those who have an agreement with that airport have taken advantage of the agreement by cutting unauthorized hiking and snowmobile trails on airport property. Although adjacent property owners have executed RTTFs with the airport, many have not actually exercised use for an aeronautical purpose. The original Oshkosh RTTF was executed with a former airport manager for the airport. It was designed to be a 1-time agreement and not to be transferable to the next property owner. When the original owner passed away the property was sold. The new owner went to the county board and they agreed to renew the RTTF against the plan of the original agreement. There have been some problems with enforcement of the rules of the agreement with the new owner regarding private vehicle access to airport property, snow removal, etc. Chmiel was unable to speak with the airport managers from the other two airports. Copies of the RTTFs from Oshkosh and Adams/Friendship were distributed to the airport committee.

Alfonso stated that emails from representatives of the WI BOA indicated that if hangar facilities were not constructed on private property adjacent to the airport and only access to airport property was required by the adjacent land owner that a traditional RTTF agreement would not be necessary.

With regard to selling airport property to a private entity Alfonso stated that the process would not take less than 18 months and that there were FAA requirements that would make it difficult. The BOA also stated that there would also be no way that airport land could ever be leased for residential use or development. Using airport property as a residence is strictly prohibited by the FAA.

Chmiel stated that he felt that he was in favor of allowing private access to airport property, but only if construction of a hangar leased on airport property was part of the agreement. Chmiel went on to explain that the private property owner would have to meet similar requirements as are currently stated in accepted RTTF in order to allow airport access. Chmiel stated that at a minimum, an airport access agreement should include the following FAA RTTF requirements: To gain access, the property owner is required to pay access charges; bear the cost of building and maintaining the infrastructure necessary to provide access to the airfield; maintain the adjacent property for residential, noncommercial use for the duration of the agreement; prohibit airport access from other adjacent or nearby properties; and prohibit any refueling on

the property. Rasmussen stated that a long term agreement would be necessary. Chmiel stated that a land lease agreement for hangar construction would satisfy that requirement.

Nagle asked what the next step would be. Chmiel stated that he and Alfonso would meet to create a sample airport access agreement for review by the committee at the May meeting. Although there are no requests on the table for such an agreement, Chmiel stated that this opportunity could present itself in the future with the neighborhood south of Lakeview Drive with the homes adjacent to airport property. Chmiel stated that one airport tenant had expressed interest.

Chmiel stated that preparing an airport access agreement specific to the Wausau Downtown Airport that would take all affected parties into consideration could open future opportunities at the airport and if we start working on it now we will be ready when the opportunity presents itself. Chmiel reiterated that unless the airport access agreement was BOA/FAA endorsed there was no point in pursuing it any further. The committee agreed. No further action taken.

Mohr moved to adjourn the meeting, second by Rasmussen. Motion carried unanimously and meeting adjourned at 7:05 p.m. The next monthly meeting is scheduled for May 14, 2014.

**AIRPORT MANAGER'S REPORT
May 2014**

A. FUEL SALES

Fuel Type	2012	2013	2014	2013/2014 % Change
92 OCT Auto	203	199	139	-30
100LL	1986	1054	858	-19
Jet A	3681	6366	7456	17
Monthly Totals	5869	7619	8453	11

B. YEAR TO DATE FUEL TOTALS

2012	2013	2014	2013/2014 % Change
24,529	28,362	29,266	3.2

C. AIRPORT OPERATIONS

Active Wausau Based Aircraft:	32
<u>Inactive Wausau Based Aircraft:</u>	<u>55</u>
Total Wausau Based Aircraft:	87

TOTAL ESTIMATED FLIGHT OPERATIONS : 2222

Companies Utilizing the Wausau Downtown Airport
(Not Including Aviation Companies)

Granite Peak	Panera
Marathon County Courthouse	Jefferson St. Inn
Krist Oil	Nicholas Services LLC
State of Wisconsin Governor	Aspirus
Medex	Kocourek Automotive
Courtyard Marriott	Eagle's Nest
Pawn America	Great Dane
TransCanada Pipeline	Miron Construction
Cardinal Glass	the Mint
Wausau Supply Company	Enterprise Rental Car

Valley Medical	Marshfield Clinic/Spirit of Marshfield
Avis Car Rental	Wynn Jones & Associates
St. Claire's	Greenheck Fan. Co.
Prehn Cranberry Co.	Vortex Tool
Pine Lake Management	State of WI Lt. Gov.
Titan International	Magic Leasing
Valrico	Fox Valley Technical College
American Family Insurance	Polyresources
Philmar LLC	Lt. Governor Clayfish

D. AIRPORT MAINTENANCE

Lighting Systems:	Misc. runway/taxiway lights OTS, par for the course this time of year.
Vehicles:	All OK
Snow Removal:	All OK
Buildings:	All OK

E. AIRCRAFT RENTALS

Month	2012	2013	2014	2013/2014 % Change
January	27.5	12.8	2.0	-84.4
February	31.2	11.4	6.2	-45.6
March	32.8	28.7	18.1	-36.9
April	54.1	23.7	21.3	-10.1
May	46.2	26.2	0.0	-100.0
June	68.9	54.0	0.0	-100.0
July	65.3	79.7	0.0	-100.0
August	60.4	88.9	0.0	-100.0
September	24.6	92.2	0.0	-100.0
October	39.1	50.0	0.0	-100.0
November	26.1	18.7	0.0	-100.0
December	18.5	7.7	0.0	-100.0
Year-To-Date	145.6	76.6	47.6	-37.9

F. HANGAR TENANT CONCERNS

CORPORATE HANGAR ACTIVITY

Month	WFS Aircraft	Local Tenants*	Transient Tenants**
August	4	11	4

* 1 jet, 3 turbine, 6 singles, 1 helicopter

** 1 multi, 1 jet, 2 helicopter

T-HANGARS – 100 % occupancy, 4 aircraft owners on waiting list

PRIVATE HANGARS – No issues

CITY HANGARS – No issues

TERMINAL BUILDING – No issues

G. AIRPORT PROMOTION

- Wausau Downtown Airport will be the finish line for the AirVenture Cup cross-country race on Sunday July 27th! We expect 50+ aircraft to participate in this event. Check out <http://www.airventurecuprace.com/> for more information about this great event.
- EAA Chapter 640 recently purchased an airplane which was being constructed by the late EAA founder Paul Poberezny. The intention is to complete construction of the airplane while teaching volunteers and especially youth the basics of aircraft construction. If the project is successful, the chapter may sell or raffle the airplane and use the funds to invest in a new project airplane to continue the program in the area.
- Events planned for KAUW include: Landings for Lunches 2014 in May, John Wood Trophy in July, Balloon Rally in July, AirVenture Cup in July, Safety Seminars all Summer, Hamburger Night all Summer, and a couple group fly-outs are planned.
- Central Wisconsin Branch of Hamburger Night scheduled for June through August. Wausau nights will be June 4th and July 9th. More info at <http://wiflysocial.com/>
- The Flying Dentist Association will hold a gathering at Wausau Downtown Airport the weekend prior to AirVenture. Local pilots and dentists Honsa Bublik and Ned Markey organized the event.
- There is also a possibility that the Red Star Pilots Association will have a fly-out to Wausau during AirVenture. They are owners of Yak and Nan-Chang aircraft in the U.S. More info at <http://www.flyredstar.org/>
- The Hamburger Night concept which originated in Central WI is going state-wide this summer!
- The 2014 Wisconsin Aviation Conference took place at the Patriot Center last week. I spoke about the Wisconsin Hamburger Social and Ron Klimisch told the story about how aviation helped grow Wausau Supply Company.
- Becher/Hoppe is receiving architectural recognition for the design and construction of the SRE building here at KAUW
- Please check out Flywausau.com and Wausau Downtown Airport FB page are being updated regularly.
- Sign-Up now for our monthly email newsletter “CONTACT”

**Notice of Advertisement for Consultant Services
for
Wausau Downtown Airport
Wausau, Wisconsin**

The Wisconsin Department of Transportation, Bureau of Aeronautics, as agent for the Wausau Downtown Airport, is accepting letters of interest from qualified firms. A selection board will review the firm's qualifications and rank them for further consideration. This project is subject to DBE goals and individual contract goals will be determined when the scope of services is finalized. Services required for this project will consist of preparation of planning, design and conducting construction engineering services.

The proposed improvements are as follows: Replace/update runway and taxiway signage; construct connecting taxiway from ramp to Runway 5/23; develop hangar area; construct perimeter road along Lake Wausau; relocate ASOS equipment; reconstruct crosswind Runway 5/23; rehabilitate Runway 5/23 lighting, including PAPI; clear runway approaches, including surveys; reconstruct ramp; upgrade Runway 13/31 lighting; clear and maintain runway approaches as stated in Transportation Administrative Code Chapter 55; and any necessary related work.

Only firms having recent similar experience on airport projects are invited to respond. A separate selection may be made for various portions of the work.

A firm's qualifications will be reported on the bureau's consultant report form, which can be downloaded from the Wisconsin Department of Transportation Internet site at www.dot.wisconsin.gov/business/engrserv/airports/forms-documents.htm. Please submit three copies of the consultant report form.

Firms that recently submitted a consultant report form for other projects will **not** have to file a new form unless they wish to amend a previously filed one. It is required that a letter be sent to the bureau stating a firm's desire to be considered for the above work. The letter must include: a list of key staff proposed for the project, a summary of outstanding aviation contracts, and the total value of aviation contracts completed in the previous 12 months by the consultant's office, which will conduct the majority of the proposed work.

The deadline date for filing a letter of interest is April 18, 2014. It should be addressed to: Terry Ripp, Project Manager, Wisconsin Department of Transportation, Bureau of Aeronautics, Post Office Box 7914, Madison, Wisconsin 53707-7914. Our shipping address is: Department of Transportation, Bureau of Aeronautics, 4802 Sheboygan Avenue, Room 701, Madison, Wisconsin 53705. Questions concerning this advertisement can be answered by emailing or calling Terry Ripp at terry.ripp@dot.wi.gov or (608) 267-7108.

Letter of Interest

for Consultant Services

Wausau Downtown Airport
Wausau, Wisconsin



Presented to:

Terry Ripp

Bureau of Aeronautics
Wisconsin Department of Transportation

April 17, 2014

BECHER HOPPE
Engineers and Architects

330 Fourth Street • P.O. Box 8000
Wausau, WI 54402-8000

Tel: 715.845.8000
Fax: 715.845.8008

becherhoppe.com



330 Fourth Street, PO Box 8000, Wausau, WI 54402-8000
Tel: 715.845.8000 | Fax: 715.845.8008 | becherhoppe.com

April 17, 2014

Ms. Terry Ripp, Project Manager
Wisconsin Department of Transportation
Bureau of Aeronautics
4802 Sheboygan Avenue, Room 701
Madison, WI 53705

Subject: Letter of Interest for Consultant Services
Wausau Downtown Airport - Wausau, Wisconsin

Dear Terry:

Becher Hoppe Associates is pleased to provide our qualifications to provide consultant services at Wausau Downtown Airport. We have specialized in airport engineering and construction oversight since our founding in 1954, and continue to provide successful engineering solutions to airports throughout central and northern Wisconsin. In fact, **our firm's first project was providing construction engineering services for Runway 5/23 at Wausau Downtown Airport.** We place tremendous value on maintaining longstanding relationships with our clients and we hope to continue serving our community, city and airport with their projects at AUW.

After meeting with John Chmiel, we understand this consultant services request will cover many different projects over the course of several years. As project packages are planned and developed we will provide an experienced design and construction team that will cost effectively provide the services required. Marijean Hoppe, PE will be the primary point of contact for project development and will work closely with WisBOA and the airport to establish the right team. Design and construction services will be led by Steve Opatik, PE. We have longstanding relationships with several qualified and experienced electrical and geotechnical subconsultants, and they will be utilized as needed to complete the project team. Resumes of key staff are enclosed in the proposal packet. The packet also includes additional information about our firm as well as documentation of our airport project experience.

We have a backlog of approximately \$892,700 (including consultants) and have completed approximately \$1,630,800 of aviation contracts in the past 12 months. Our design backlog is approximately \$55,862. Please see the last page of our proposal packet for a summary of our outstanding aviation contracts and total value of aviation contracts completed in the last 12 months.

Thank you for your consideration!

Sincerely,

Marijean Hoppe, PE
Airport Services Manager

Sincerely,

Stephen M Opatik, PE
Project Manager / Project Engineer

cc: John Chmiel, Wausau Downtown Airport Manager – 6 copies

Corporate Profile

Project Understanding and Approach

Project Team Staffing

Airport Services

Airport Experience

Airport Project Sheets

Environmental Services

References

Insurance

Summary and Value of Aviation Contracts

Membership

American Association of Airport Executives (AAAE)

American Council of Engineering Companies (ACEC)

American Institute of Architects (AIA)

American Society of Civil Engineers (ASCE)

American Water Works Association (AWWA)

Institute of Transportation Engineers (ITE)

National Society of Professional Engineers (NSPE)

Transportation Development Association of Wisconsin

Awards

Engineering Excellence State Finalist Award (ACEC)

2014 – Wausau Downtown Airport SRE Building

2013 – Wausau Wastewater Treatment Plant

Excellence in Airport Construction Engineering

(WisDOT Bureau of Aeronautics)

2013 – Merrill Municipal Airport

2012 – Crandon-Steve Conway Municipal Airport

Engineering Excellence State Finalist Award (ACEC)

2012 – City of Wausau 400 Block

Project of the Year Award (American Public Works Association)

2012 – City of Wausau 400 Block

Engineering Excellence Best of State Award (ACEC)

2010 – Lakeland Airport

2010 Small Business of the Year (Wausau Region Chamber of Commerce)

Community Challenge Award (United Way)

Our Mission

To improve communities through engineering and architecture excellence.

Becher Hoppe provides a wide spectrum of professional services to government, business and individuals from our headquarters in Central Wisconsin. We provide planning, design and construction services for civil engineering and architecture projects that involve airports; highways, bridges, roadways and trails; municipal buildings; water and wastewater treatment systems; municipal utilities; storm water management and dams; solid waste facilities; real estate appraisal and acquisition; and land surveying, mapping and land planning. We have been serving our clients continuously since 1954.

Our Core Values

Service, Integrity, Excellence, Partnership

The Associates at Becher Hoppe carefully assess each client's project needs and then apply a balance of new technology and tried and tested methods to create innovative solutions. Our employee group is diverse in education, expertise and experience. Staff entrusted with investigative and design responsibilities have research experience and graduate education. Employees with construction review responsibilities also have substantial field experience. Our knowledgeable team works hard and enjoys the collaborative effort with our clients to fulfill their project goals.



Firm Name:	Becher-Hoppe Associates, Inc.
Type of Organization:	Corporation
Corporate Structure:	Randal W. Van Natta, PE, President/Treasurer Archie C. Becher, PE, Vice President/Secretary
Address:	330 Fourth Street PO Box 8000 Wausau, WI 54402-8000
Phone Number:	715-845-8000
Fax Number:	715-845-8008
Website:	www.becherhoppe.com

Professional Services: We have built a comprehensive team where each member brings his or her unique talents to the service of our clients. Our team offers a complete range of professional services to assist you with accomplishing your airport development goals. Some of the services we offer include:

- Airport Layout Planning
- Environmental Studies and Reports
- Real Estate Appraisal and Acquisition
- Wetland Delineation
- Land Survey Services
- Obstruction Surveys and Part 77 Surface Evaluations
- Airport Design
- Airfield Lighting Design
- Terminal, hangar, and SRE Building Design
- Construction Document Production
- Opinions of Probable Cost
- Bidding Services
- Construction Administration
- Construction Site Representation
- Construction Record Drawings
- Post-Construction Evaluations

Proposal Contacts:

Marijean Hoppe, PE
Airport Services Manager
715-845-0417
mhoppe@becherhoppe.com

Project Understanding and Approach

Understanding

Wausau Downtown Airport is planning a wide variety of projects to maintain and upgrade airfield pavements, infrastructure and airspace, as well as improve vehicle access around the airport perimeter. The purpose of these improvements is to maintain a high level of safety and service to the flying public, increase revenue generation at the airport by attracting additional tenants and airport users, and to mitigate operational costs by replacing aging airport lighting with new, energy efficient lighting and signage systems.

Approach

Becher Hoppe has a 60-year record of accomplishment in assisting our clients with successful completion of their airfield improvement projects. Our approach to these projects is simple and clear.

Prioritization

Becher Hoppe will work with the airport's leaders and WisBOA to ensure successful project order is established. The proper project order will:

- Maximize airfield safety and accessibility
- Minimize the impact on airport services or events
- Maximize available funding
- Reduce regulatory approval time
- Maximize planning, design and coordination benefits



Collaboration

A successful project requires coordinating with a surprisingly large number of stakeholders. Becher Hoppe project managers are experts at assisting our clients with gathering input and working with the numerous stakeholders. These include:

- Airport owners and staff
- Airport users
- WisBOA project managers and specialists
- FAA – airports, airways and environmental staff
- WisDNR, Army Corps of Engineers and other environmental agencies
- Designers of specialized airfield infrastructure
- Equipment manufacturers
- Contractors
- General public

Project Understanding and Approach

Communication

Becher Hoppe staff will communicate timely, accurate and relevant information to project team members throughout the project. This goes beyond promptly returning phone calls or responding to emails while working with you; information needed by leadership and decision makers is different from the information needed by airport operations and maintenance staff and we strive to provide the right information at the right time.



In addition, we realize the importance of clarity in our work products. For example, documents prepared for environmental coordination must concisely capture the impacts of a proposed project and effectively describe how they will be mitigated, or project approvals may be delayed. An efficient, cost effective construction design must be effectively communicated to contractors through clear and concise construction documents, or construction costs may increase.

Becher Hoppe also realizes the importance of public relations during all phases of a project. Our project managers will support the airport manager and leadership by providing accurate summaries of project status, costs, exhibits, and timelines so airport leaders can communicate with the general public. If needed, we also can prepare press releases or lead public information meetings.

Project Experience

The BHA Team has the knowledge and experience to provide exceptional professional services at Wausau Downtown Airport.

Our recent and current design and construction projects include:

- **Price County Airport:** parallel taxiway, runway intersection reconstruction and extension, LED lighting, NavAid relocations, survey and airspace approach clearing
- **Merrill Municipal Airport:** parallel taxiway and LED lighting, terminal area development
- **Sawyer County Airport:** ILS glideslope and MALSR installation, parallel taxiway, terminal apron expansion, ASOS relocation, NavAid relocation, MALSR access road construction, airport road relocation, obstruction analysis and clearing
- **Ashland-JFK Memorial Airport:** runway intersection and taxilane reconstruction
- **Crandon-Steve Conway Municipal Airport:** runway taxiway and apron reconstruction, new hangar area development
- **Wausau Downtown Airport:** Aircraft refueler and Snow Removal Equipment building

Staff Member

Marijean Hoppe, PE
Stephen Opatik, PE
Randal Van Natta, PE
Brent Dahl, PE
Karl Kemper, EIT
Oscar Castaneda, EIT
Nicholas Golla
Matthew Graun
Nathan Wincentsen, RLS
Larry Kempe, RLS
Jeremy Nocerini, RLS

Responsibility

Airport Services Manager
Project Manager
Quality Assurance
Project Engineer
Staff Engineer
Staff Engineer
Resident Project Representative
CAD Design
Surveyor Supervisor
Project Surveyor
Project Surveyor

Staff Assignments

Marijean Hoppe, PE will be the primary point of contact for project development and will work closely with WisBOA and the airport to establish the right team. Design and construction services will be led by Steve Opatik, PE. We have provided our Professional Credentials on the following pages for your review.

Education

*Bachelor of Science
Civil Engineering
The Ohio State University*

Registration

*Professional Engineer
Wisconsin, Michigan, Minnesota,
Ohio*

Membership

*American Association of Airport
Executives (AAAE)*

*Wisconsin Airport Management
Association*

*American Council of Engineering
Companies (ACEC)*

Community

Junior Achievement

*Wausau School District – Project
Lead the Way*

*Wausau Engineering Global
Leadership Academy*



Ms. Hoppe is the Services Manager of the Airport Group. She is also responsible for project management of planning, land acquisition, design and construction of airport projects.

Marijean has 18 years of civil engineering experience focusing on site civil design, transportation and municipal projects. Her professional experience includes planning, design and construction of airports, rural and urban streets and highways, storm sewers, sanitary sewers, watermains, site development, parking lots and athletic facilities.

Projects

Monroe Municipal Airport Terminal, Monroe

Project manager and engineer coordinating with architecture firm for design and construction of new terminal building. Coordinated site civil engineering plans, erosion control, grading, electrical vault and utility relocation, and demolition of the existing terminal structure.

Crandon - Steve Conway Municipal Airport, Runway Extension, Crandon

Project manager for design, bidding and construction of extension to northwest end of RWY 11-29 and new medium intensity lighting system. Also responsible for taxiway and apron design.

John F. Kennedy Memorial Airport, Runway Extension, Ashland

Project manager for design, bidding, and construction for project which involved the reconstruction of runway intersection, taxiway connection, and hangar taxiway extension. Project leader for design of relocated electrical vault.

Central Wisconsin Airport, Terminal Apron, Mosinee

Project manager for design and construction of terminal apron pavement replacement. Also responsible for work involving underground utilities relocation and investigation for terminal building improvements.

Central Wisconsin Airport Site Improvement Infrastructure Development and Utility Corridor, Mosinee

Project manager for the six-year multi-phased planning, design, bidding and construction of CWA's campus infrastructure improvements (sanitary, water, gas, communications, electrical service and storm water), for phased construction which included a terminal expansion and stand-alone rental car facility, future west and east terminal addition, parking lot addition/reconstruction and CWA Drive reconstruction. Initial design and approvals began in 2010 and completion is scheduled for 2015.

- Initial design and approval 2010 – 2011
- Infrastructure 2011 – 2012
- East and west parking lot 2012
- West terminal addition site improvements 2012 – 2013
- East terminal addition site improvements 2013 – 2014 (current construction)
- Center terminal addition site improvements 2013 – 2014
- Center parking lot reconstruction planned for 2014
- CWA Drive reconstruction 2015

Education

*Bachelor of Science
Civil-Environmental Engineering
University of Wisconsin*

Registration

*Professional Engineer
Wisconsin*

Certification

*WisDOT – Nuclear Density
Technician I*

Continuing Education

*Wausau Region Chamber of
Commerce –
Leadership Excellence G2*

*ACC/ACI-NA/FAA NEPA Desk
Reference Workshop*

*National Highway Institute –
Introduction to Mechanistic
Empirical Pavement Design*

*WisDOT – Construction Standards
Training*

Membership

*American Association of Airport
Executives (AAAE)*

*Wisconsin Airport Management
Association*

*American Society of Civil Engineer
(ASCE)*

*National Society of Professional
Engineers (NSPE)*

*Wisconsin Society of Professional
Engineers (WSPE)*

*Wisconsin Wastewater Operators
Association (WWOA)*

Community

*Saint Vincent DePaul – Cabrini
Conference Store Committee*



Mr. Opatik is a Project Manager in the Airport Group. He is responsible for project management, planning, design, and construction oversight for airport facilities.

Stephen specializes in guiding General Aviation airports through all phases of airport improvement projects including planning, environmental document preparation, permitting, design and construction.

Stephen has 18 years of civil engineering experience.

Projects

Price County Airport, Phillips

2006 – 2014: Project Manager for design and construction projects including runway intersection reconstruction, Runway 6/24 reconstruction, parallel taxiway, LED taxiway lighting, hangar area site development, security fencing, airspace obstruction removal, aviation easement and fee simple land acquisitions, and FAA airspace survey. Prepared Environmental Assessment for runway extension, feasibility report for Runway 1/19 extension, Stormwater Pollution Prevention Plan, and Airport Layout Plan (ALP) update.

Merrill Municipal Airport, Merrill

2004 – 2013: Project Manager for parallel taxiway and terminal area construction, LED taxiway and terminal area lighting, airspace obstruction removal, terminal area utility extension, perimeter security fence, General Aviation apron reconstruction, Runway 7/25 extension and taxiway relocation, Stormwater Pollution Prevention Plan, Airport Layout Plan update, Environmental Assessment for taxiway and terminal area.

Cable Union Airport, Cable

Project Manager for Environmental Finding of Categorical Exclusion, Stormwater Pollution Prevention Plan, obstruction removal.

Central Wisconsin Airport, Mosinee

Project Engineer for Environmental Finding of Categorical Exclusion, Runway 8/26 and parallel taxiway reconstruction, terminal apron reconstruction, General Aviation apron reconstruction.

Lakeland Airport, Woodruff

Project Manager for projects including terminal area LED lighting design, taxiway construction and hangar site developments, snow removal equipment building, Airport Layout Plan update.

Langlade County Airport, Antigo

Project Manager responsible for terminal apron reconstruction, partial parallel taxiway construction, Runway 16/34 reconstruction, and ALP update.

Wausau Downtown Airport, Wausau

Project Manager responsible for coordinating FAA airspace survey, partial perimeter security fence, and aviation easements.

Education

*Bachelor of Science
Civil Engineering
University of Wisconsin – Platteville*

Registration

*Professional Engineer
Wisconsin and Michigan*

Certification

Private Pilot, Instrument Rating

Membership

*American Council of Engineering
Companies (ACEC)*

*American Association of Airport
Executives, Corporate Member*

*National Society of Professional
Engineers (NSPE)*

*Wisconsin Airport Management
Association*

*Wisconsin Society of Professional
Engineers (WSPE)*

*Aircraft Owners and Pilots
Association*

Community

Boy Scouts of America

Awards

*2006 Airport Engineer of the Year
Wisconsin Airport Management
Association*



Mr. Van Natta is President and Chief Executive Officer of Becher-Hoppe Associates, Inc. He is responsible for scoping, contract review, project oversight and quality control review for airport projects.

Mr. Van Natta provides aviation consultant services including planning, design and construction of airport facilities. During his 30 year tenure, he has managed a variety of improvement projects for airports, highways, municipalities, and utilities.

Projects

Central Wisconsin Airport, Mosinee

Performed airfield engineering and construction administration services since 1997. Projects include runway and taxiway design, airside and landside pavement rehabilitation, airfield lighting, storm water management, navigation aids, approach lighting system, runway and safety area extensions, perimeter access roads, and pavement recycling. Terminal area planning and Airport Layout Plan updates.

John F. Kennedy Memorial Airport, Ashland

Prepared Airport Layout Plan update, Airport Land Use Plan airspace modeling, airfield pavement reconstruction and airfield lighting evaluation.

Lakeland Airport, Woodruff

Approach lighting system, runway and taxiway pavement reconstruction, new parallel taxiway, terminal areal apron expansion, hangar area site and taxiway developments, airfield lighting system, auto parking lot, storm water management, and Airport Layout Plan updates.

Lancaster Municipal Airport, Lancaster

Prepared first Airport Layout Plan, long-term airport development planning, land acquisition and runway pavement rehabilitation alternatives.

Prentice Municipal Airport, Prentice

Approach protection survey and airspace evaluation, approach protection runway safety area evaluation, runway and aircraft tie-down area reconstruction, relocate railroad spur, Airport Layout Plan update.

Sawyer County Airport, Hayward

Planning and design for glide slope PAPIs and MALS-R approach lighting system. Coordination with FAA engineering group. Real estate acquisitions.

Cable Union Airport, Cable

Airport property inventory and compilation, approach protection survey and evaluation, aviation easement and fee simple acquisitions for approach protection, Airport Master Plan, Airport Layout Plan update, storm water management plan, runway pavement rehabilitation, terminal and hangar area site improvements.

Education

*Bachelor of Science
Civil Engineering
Michigan Technological University*

*Master of Business Administration
University of Houston*

Registration

*Professional Engineer
Wisconsin*

Certification

Certified Floodplain Manager

Membership

*American Association of Airport
Executives (AAAE)*

*Wisconsin Airport Management
Association*

*American Society of Civil Engineers
(ASCE)*

*American Public Works Association
(APWA)*

*American Water Works Association
(AWWA)*

*Water Environment Federation
(WEF)*

*Wisconsin Wastewater Operator's
Association (WWOA)*

*Wisconsin Rural Water Association
(WRWA)*

Awards

*2012 Award for Outstanding
Resident Engineering
(WisDOT BOA)*



Mr. Dahl is a Project Engineer in the Airport Group. He is responsible for designing municipal airport facilities including runways, taxiways, aprons, airfield lighting, hangar development areas, security wildlife fencing, and utilities. He also has experience designing urban and rural highways, pedestrian pathways, and public infrastructure. He has broad experience with construction inspection and oversight of these projects.

Brent has over 13 years of professional experience in design, construction and overall project management of airport, municipal, public infrastructure, private utility, commercial development, residential development and roadway projects.

Projects

Sawyer County Airport, Hayward

Prepared site grading plans and provided design assistance for establishment of new Instrument Landing System (ILS), including new glide slope, new MALS-RAIL, relocation of localizer, PAPI, and ASOS.

Currently serving as Project Manager overseeing construction of a parallel taxiway and apron expansion, Airport Road relocation, obstruction removals, obstruction lighting, Instrument Landing System (ILS) installation, including Medium-intensity Approach Lighting System with Runway Alignment Indicator Lights (MALS-RAIL) and Glide Slope, MALS-RAIL access road, PAPI and ASOS relocation, and Civil Air Patrol hangar relocation.

Crandon/Steve Conway Municipal Airport, Crandon

Prepared Engineer's Design Report for reconstruction of Runway 11/29 and Taxilane A, apron expansion, Taxilane A extension, Taxilane C construction and T-hangar development area. Prepared Erosion Control and Storm Water Management plan, and grading and drainage plans. Completed Airport Layout Plan (ALP) Update.

Served as the Resident Engineer overseeing reconstruction of Runway 11/29 and Taxilane A, apron expansion, Taxilane A extension, Taxilane C construction and T-hangar development area. Received the 2012 Award for Outstanding Resident Engineer given by the WisDOT Bureau of Aeronautics.

John F. Kennedy Memorial Airport, Ashland

Designed site layout for new electrical vault building and Runway End Identifier Light (REILs) replacement.

Served as Project Manager overseeing the construction of the new electrical vault building and REILs.

Price County Airport, Phillips

Prepared Erosion Control and Storm Water Management Plan, final grading and drainage plans, PAPI design, and Engineer's Design Report for full-length parallel taxiway, runway extension, and hangar development area.

Education

*Bachelor of Science
Civil Engineering
Michigan Technological University*

Registration

*Registered Engineer-in-Training
Wisconsin*



Mr. Kemper is a Staff Engineer in the Airport Group. He is responsible for designing airport facilities, highways, local roads, bridges, and pedestrian and recreational trail systems. He serves as an on-site resident project representative during construction of airport, bridge and road construction projects. He also coordinates utility relocations for major urban highway reconstruction projects.

In addition, Karl has experience in the private and public sector of civil engineering construction. Karl's diverse background has enabled him to use information learned on prior tasks and apply it to current projects.

Projects

Price County Airport, Phillips

Resident Engineer overseeing construction of a runway extension, full-length parallel taxiway, hangar area development, and associated electrical, drainage, and site improvements. Construction includes more than 175,000 cubic yards of earthwork, 16,000 tons of aggregate base course, and 7,500 tons of asphalt paving.

Sawyer County Airport, Hayward

Resident Engineer overseeing construction of a parallel taxiway and apron expansion, Airport Road relocation, obstruction removals, obstruction lighting, Instrument Landing System (ILS) installation, including Medium-intensity Approach Lighting System with Runway Alignment Indicator Lights (MALS-RAIL) and Glide Slope, MALS-RAIL access road, PAPI and ASOS relocation, and Civil Air Patrol hangar relocation.

CTH HH Road Reconstruction, Stevens Point

Assisted project engineer with local roads project including GPS surveying AutoCAD alignment, traffic control, electrical work, erosion control, storm sewer, grading, curb and gutter, restoration, and as-built plans preparation.

STH 22 Bridge and Approaches Reconstruction, Shawano

Assisted project engineer with demolition and causeways, erosion control, storm water swale construction, storm sewer and culverts, grading, Mechanically Stabilized Earth (MSE) Wall, piling records, barges, sheet piling for pier seals, concrete placement, rip rap, polymer protective overlay, and as-built plans preparation.

Education

*Associate Degree
Architectural Design & Technology
Northcentral Technical College
Wausau, WI*

*Bachelor of Science
Civil Engineering
Universidad Pontificia Bolivariana
Bucaramanga, Columbia*

Certification

*Construction Technologies
Northcentral Technical College
Wausau, WI*

*Quality Management Systems ISO
9000
Universidad Pontificia Bolivariana
Bucaramanga, Columbia*

Membership

*National Association of Home
Builders, Treasurer*

*Construction Specifications Institute
(CSI)*

*Consejo Profesional Nacional de
Ingenieria. (National Professional
Council of Engineering) Colombia*

Community

*Big Brothers Big Sisters of North
Central Wisconsin*

*Student Government Board,
Northcentral Technical College*



Mr. Castaneda is a Civil AutoCAD Designer and Drafter in the Municipal Group. He is responsible for the preparation of design plans and quantity takeoffs for different project types.

Oscar specializes in many software applications including ISO 9001, ResCheck, AutoCAD, Revit Architecture, MS Project and Sketchup.

In addition, Oscar has over five years of experience in civil engineering and architectural design and over six years of experience in construction management.

Projects

Price County Airport, Phillips

CAD Technician responsible for site design plans for runway 1-19 extension, parallel taxiway A construction, and new hangar area. Assistance on the design of NAVAIDS, taxiway and runway lighting layout, signs layout, and quantity takeoffs.

Parallel Taxiway and Hangar Sites, Cable Union Airport, Cable

CAD Technician responsibilities included design and drafting of a partial parallel taxiway, several new hangar sites with connecting taxiways, and managing several bidding and construction alternates. Created a Digital Terrain Model (DTM). Other design features included storm water management and Erosion control measures.

Howard Young Medical Center Helipad, Woodruff

CAD Technician responsible for drafting and assisting in the design of approach/departure surfaces, prepared obstruction tables, and pavement markings.

Education

Associate Degree
Civil Engineering Technology
Mid-State Technical College
Wisconsin Rapids, WI

Certification

WisDOT – Aggregate Technician I,
Proctor Permeameter

WisDOT – Hot Mix Asphalt
Technician I, Production Tester

WisDOT – Portland Cement
Concrete Technician I

WisDOT – Portland Cement
Concrete Technician II

WisDOT – Grading

WisDOT – Nuclear Density
Technician I



Mr. Golla is an Engineering Technician in the Airport Group. He is responsible for providing design and Computer Aided Drafting (CAD) services. He is also responsible for preparing CAD drawings, preliminary and final plans, and Airport Layout Plans.

In addition, Nick serves as an on-site resident project representative during construction activities.

Projects

Sawyer County Airport, Hayward

Resident Project Representative (RPR) overseeing construction of a parallel taxiway and apron expansion, Airport Road relocation, obstruction removals, obstruction lighting, Instrument Landing System (ILS) installation, including Medium-intensity Approach Lighting System with Runway Alignment Indicator Lights (MALS-RAIL) and Glide Slope, MALS-RAIL access road, PAPI and ASOS relocation, and Civil Air Patrol hangar relocation.

Central Wisconsin Airport, Mosinee

Resident Project Representative for numerous projects including: Infrastructure, parking lot development, pavement replacement, Runway 8/26 and taxiway reconstruction, air carrier and general aviation apron reconstructions, air freight apron expansion, Taxiway B joint sealing, stake mounted light replacement, Phase 1 terminal apron reconstruction and localizer relocation.

Merrill Municipal Airport, Merrill

Resident Project Representative for construction of parallel taxiway for Runway 7/25 which had substantial environmental issues, and dewatering of site per state DNR requirements. Technician responsible for updating Airport Layout Plan (ALP).

King's Land O' Lakes Airport, Land O'Lakes

Surveyor for preliminary work of Environmental Assessment Report. Technician responsible for updating Airport Layout Plan (ALP). Resident Project Representative for projects involving taxiway construction, SRE building apron, reconstructing auto parking and access road, grading and beacon relocation.

Lakeland Airport – Noble F. Lee Memorial Airport, Minocqua

Technician and Resident Project Representative for parallel taxiway, which involved a fast-paced design. RPR for projects that involved connection of the taxiway and preparation of the hanger site.

Crandon - Steve Conway Municipal Airport, Crandon

Design Technician and Resident Project Representative for runway extension and new medium intensity lighting system.

Education

*Associate Degree
Architectural Residential Design
Northcentral Technical College
Wausau, WI*

Continuing Education

Autodesk University 2010,2012

*Autodesk Certified Professional
Civil 3D 2013*

Membership

*Autodesk User Group International
(AUGI)*

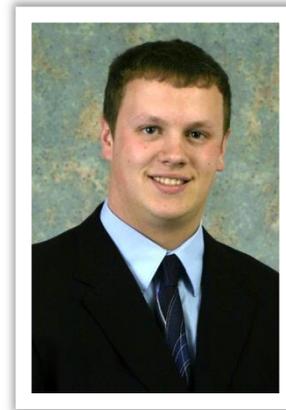
*ACEC WisDOT Civil 3D User
Group*

Awards

*Becher Hoppe – President's Award
for Exemplary Core Values*

Presentations

*Cut it Down! Obstructions in Part
77 Surfaces in Infracore 2014 –
Minnesota University Midwest
Professional Development
Conference for Autodesk Users*



Mr. Graun is a Civil Engineering Technician in the Municipal Group. He is responsible for creating complex corridor models, drafting detail construction drawings, plan production, related maps and specifications used in planning and construction of civil engineering projects. He also assists with the company's information technology (IT) efforts.

In addition, Matthew is a leader in the firm's drafting and design department. He has led the transition to Autodesk Civil 3D CAD software.

Projects

Land Acquisition, Price County Airport, Phillips

Technician responsibilities included extensive three dimensional modeling of the airport's approach surfaces, and identifying obstructions on 18 properties. Assisted in preparing easement documents for each parcel, and collecting obstruction data with the survey crew.

Runway Extension Parallel Taxiway and Hangar Sites, Price County Airport, Phillips

Lead drafter responsibilities included design and drafting of multiple taxiways, hangar sites, a 220' runway extension, additional lighting, and storm water management. Created a Digital Terrain Model (DTM) that was uploaded to GPS units on grading equipment to grade 45 acres.

Parallel Taxiway, Apron, and Hangar Sites, Merrill Municipal Airport, Merrill

Technician responsible for drafting and design on all features of the project. Utilized CAD drafting software to create a Digital Terrain Model (DTM). This model was uploaded to GPS units on grading equipment to grade over 65 acres. Other design features included a new fuel station, additional lighting, and storm water management.

Parallel Taxiway and Hangar Sites, Cable Union Airport, Cable

Technician responsibilities included drafting and design of a partial parallel taxiway, several new hangar sites with connecting taxiways, and managing several bidding and construction alternates. Created a Digital Terrain Model (DTM).

Runway and Taxiway Reconstruction, Crandon Municipal Airport, Crandon

Technician responsibilities included extensive cross section modeling of the existing runway and runway intersection. Also drafted the reconstruction of the existing taxiways and apron along with design of new taxiways and hangar area location.

Education

*Associate Degree
Civil Engineering Technology
Mid-State Technical College*

*United States Marine Corps
Specialized Training in:
Computer Aided Design Drafting
Technical Drafting
Construction Surveying*

Registration

*Registered Land Surveyor
Wisconsin – License No. 2539*

*Hazardous Waste Site Worker
Training – 29 CFR 1910.120*

Trimble Real Time Kinematic GPS

Membership

*Wisconsin Society of Land
Surveyors*

*Wisconsin Society of Registered
Land Surveyors Central Chapter*

Wausau Elks Lodge



Mr. Wincentsen is the Supervisor of the Survey Group. His responsibilities include supervising and performing topographic design surveys, ALTA/ACSM land title surveys, right of way surveys, FAA GIS airspace surveys, airport obstruction surveys and construction staking. He also prepares subdivision plats, right of way plats, Certified Survey Maps (CSM), retracement boundary survey maps and drafting and analyzing legal descriptions.

Nathan is a Registered Land Surveyor and has specialized training in construction surveying and AutoCAD which gives him a unique perspective to all survey projects.

Projects

Wisconsin BOA Real Estate Projects

Survey Supervisor responsible for the oversight and completion of research, title report review, field work and drafting for Certified Survey Maps, Plats of Survey, Avigation and Clear Zone Easements, relocation orders, and conveyance document preparation.

- **Price County Airport**, Phillips – Project involved 18 Avigation Easements, one Certified Survey Map, temporary and permanent limited easements and analyzed several complex chains of title involving five parcels for acquiring driveway relocation easements.
- **Cable Union Airport**, Cable – Project involved two Avigation Easements and one Certified Survey Map.
- **Lancaster Municipal Airport**, Lancaster – Project involved two Avigation and Clear Zone Easements and two Certified Survey Maps

Wisconsin BOA Airport Reconstruction and Terminal Projects

Survey Supervisor responsible for the oversight and completion of research, field work for topographic design surveys, the location existing airport property monumentation and PLSS corners, calculations of existing airport property lines, preparation of the existing DTM surface, drafting of existing conditions base map and construction staking of proposed improvements.

- **Cable Union Airport**, Cable – Project consists of a parallel taxiway and hanger expansion.
- **Price County Airport**, Phillips – Project consists of a runway extension, parallel taxiway and hanger expansion and tree clearing and trimming.
- **Merrill Municipal Airport**, Merrill – Project consists of a parallel taxiway and terminal area expansion.

Wisconsin BOA Airport ALP Projects

Survey Supervisor responsible for the oversight and completion of field work and the analyzing of survey data for obstruction to the FAA Part 77 airspace surfaces.

- **Crandon / Steve Conway Municipal Airport**, Crandon
- **Manitowish Waters Municipal Airport**, Manitowish Waters

Education

*Bachelor of Science
Wildlife Management
University of Wisconsin-
Stevens Point*

*Career Diploma
Surveying and Mapping
International Correspondence
Schools*

Registration

*Registered Land Surveyor
Wisconsin - License No. 2783*

Continuing Education

*Wisconsin Society of Land
Surveyors Annual Surveyors
Institute*

Membership

*Wisconsin Society of Land
Surveyors*

*Veterans of Foreign Wars-Post
1256*



Mr. Kempe is a Registered Land Surveyor in the Survey Group. He is responsible for planning, supervising, and completion of survey projects. His duties and experience include working on Certified Survey Maps (CSM) and ALTA surveys, topographic surveys for engineering construction, construction staking, GIS airspace surveys, organizing and compiling field data, and drafting survey documents, plats and maps.

Larry is involved with projects from each of Becher Hoppe's service groups.

Projects

Airport Airspace Easements and Obstruction Evaluation Projects

Project Surveyor responsible for collecting, processing, and analyzing data to determine whether objects near runways are obstructions to FAA Part 77 airspace surfaces.

- Central Wisconsin Airport
- Merrill Municipal Airport
- Price County Airport
- Marshfield Municipal Airport
- Langlade County Airport
- Manitowish Waters Airport

Airport Reconstruction and Terminal Projects

Project Surveyor responsible for survey work involving improvements and additions to numerous airport taxiways, aprons, and terminals. Responsible for topographic surveys, horizontal and vertical control, property corner and right of way determination, delineated wetland surveys, drafting, and surface model generation. Responsible for construction staking, Airport Layout Plan (ALP) update, obstruction surveys and final as-built surveys.

- **Cable Union Airport** – Parallel taxiway and hanger development
- **Central Wisconsin Airport** – Environmental assessment survey, hanger area, runway safety area, and corridor study for airport expansion
- **CFS, LLC Airport, Bayfield County** – Development, topographic and property surveys
- **Crandon – Steve Conway Municipal Airport** – Runway and apron rehabilitation, security fence, and runway extension
- **Ashland – JFK Memorial Airport** – Runway and Hanger Rehab
- **Lakeland Airport – Noble F. Lee Memorial Field** – SRE building topographic survey, hanger expansion, boundary plat of survey, and security fence
- **Land O'Lakes Airport** – New hangar apron and parking lot
- **Langlade County Airport** – Apron reconstruction and expansion
- **Marshfield Municipal Airport** – Terminal apron, CSM boundary
- **Merrill Municipal Airport** – Parallel taxiway construction and new hanger apron
- **Price County Airport** – Runway extensions, security fence, boundary survey, and new taxiway
- **Wausau Downtown Airport** – Security fence, pavement sealing, and access road

Education

*Bachelors of Science
Surveying Engineering
Michigan Technological University*

*Associate of Applied Science
Civil Engineering Technology
Michigan Technological University*

Registration

*Registered Land Surveyor
Wisconsin - License No. 3046*

Continuing Education

*Wisconsin Society of Land
Surveyors Annual Surveyors
Institute*

Certified Federal Surveyor Program

Membership

*Wisconsin Society of Land
Surveyors*

Rocky Mountain Elk Foundation

Ducks Unlimited



Mr. Nocerini is a Land Surveyor in the Survey Group. He is responsible for researching, planning and completion of survey projects. His duties and experience include working on Certified Survey Maps (CSM), Plats of Survey, ALTA surveys, topographic surveys for engineering construction, construction staking, building layout, route planning and layout, airspace surveys and exhibits, right of way surveys, easement surveys, and drafting and analyzing legal descriptions.

Jeremy is involved with projects from each of Becher Hoppe's service groups.

Projects

Airport Reconstruction and Terminal Projects

Project Surveyor responsible for survey work involving improvements and additions to numerous airport taxiways, aprons, and terminals. Responsible for topographic surveys, horizontal and vertical control, property corner and right of way determination, and surface model generation. Responsible for construction staking, Airport Layout Plan (ALP) update, obstruction surveys and final as-built surveys.

- **Cable Union Airport**, Cable – Parallel taxiway and hanger development
- **Central Wisconsin Airport**, Mosinee – Laid out terminal expansion
- **Merrill Municipal Airport**, Merrill – Parallel taxiway construction and new hanger apron
- **Price County Airport**, Phillips – Runway extensions and new taxiway
- **Lancaster Municipal Airport**, Lancaster – Created overall map showing parcels for land acquisition, clear zone easements, and relocation order.
- **Dubuque Regional Airport, Dubuque, IA** – Determined excavation quantities and collected topography of an intersection
- **Sloulin Field Airport, Williston, ND** – Laid out clear zone to ensure planned buildings were outside of the zone.

WisDOT Highway Projects

Project Surveyor responsible for topographic surveys, horizontal and vertical control, right of way determination, drafting, surface model generation, and construction staking.

- **STH 55, Langlade County** – 6-mile mill and overlay project with 6 beam guard locations, 3 culvert crossings.
- **STH 70, Oneida & Vilas Counties** – 3.4-mile drainage and mill and overlay project including a 4-page TPP monumentation Plat and a 2-page TPP for a culvert replacement on Little St. Germain Creek
- **STH 22, Shawano County** – 0.3-mile reconstruction project.
- **USH 41, Winnebago County** – 8-mile full reconstruction project including multiple bridges, box culvert extensions, and highway widening.
- **West Oklahoma Avenue, Milwaukee County** – 0.5-mile full reconstruction project.
- **Trestik Road, Wood County** – intersection relocation project.
- **USH 51, Oneida County** – Staking water main, hydrants, and sanitary manholes for highway reconstruction.

Becher Hoppe has airport design professionals capable of serving all of your airport needs. We designed our first airport in 1954.

Planning

- Airport Master Plans
- Airport Layout Plans
- Real estate acquisition and appraisal
- Environmental assessments
- Land surveys

Engineering

- Runways, taxiways, aprons
- Navigation systems
- Airfield and approach lighting
- Airfield drainage
- Airfield design
- Airfield signage
- Security fencing
- Terminal parking facilities
- Surveying and GPS

Construction

- Construction surveying and staking
- Construction quality assurance testing
- Resident engineering services

Architecture

- Passenger terminal facilities
- General aviation terminals
- Control towers
- Hangars
- Rescue and fire rescue buildings
- Cargo buildings
- Sand storage buildings
- Aircraft repair facilities
- Passenger loading bridges

Real Estate

- Appraisals
- Acquisitions
- Relocations



Wisconsin airports that Becher Hoppe has served:

Alexander Field - South Wood County Airport

Ashland – John F. Kennedy Memorial Airport

Barron Municipal Airport

Boyceville Municipal Airport

Cable Union Airport

Central Wisconsin Airport

Crandon - Steve Conway Municipal Airport

Kings Land O'Lakes Airport

Lakeland Airport - Noble F. Lee Memorial Field

Lancaster Municipal Airport

Langlade County Airport

Manitowish Waters Airport

Marshfield Municipal Airport

Merrill Municipal Airport

Price County Airport

Rhineland-Oneida County Airport

Sawyer County Airport

Stevens Point Municipal Airport

Wausau Downtown Airport



Becher Hoppe has provided services to the Wausau Downtown Airport since 1954. Becher Hoppe designed and provided construction engineering services for the projects listed below.

- 1954 Runway 4/22 1000-foot extension; taxiway and T-hanger site development
- 1975 Runway 12/30 bituminous overlay
- 1980 Underground 24,000 gallon aviation fuel tank
- 1984 Exterior and interior main hanger building remodeling
- 1985 Runway 4/22 and general aviation apron repaving; radio-controlled airfield lighting installation
- 1989 Runway 12/30 550-foot extension with lights and 250-foot paved stopway
- 1991 10-unit T-hanger
- 1994 New hanger and taxiway area
- 1997 New 100' x 100' hangar facility
- 1998 Terminal building and underground fuel storage tank system remodeling
- 1999 Runway approach obstruction survey
- 2004 Design airfield pavement rehabilitation; Runway 12/30 extension; PAPI installation and paint marking
- 2005 Security fencing and tree clearing
- 2006 Runway and taxiway pavement maintenance; Runway 12/30 PAPI installations
- 2007 Update Airport Layout Plan
- 2008 Hangar access road
- 2010 GPS approach airspace survey
- 2011 Safety Rescue and Equipment / Snow Removal Equipment Building (SRE) development & design
- 2012 Safety Rescue and Equipment / Snow Removal Equipment Building (SRE) construction



Project Description

With two recent improvement projects, the Crandon - Steve Conway Municipal Airport significantly extended pavement longevity at their 50-year-old municipal airport, with all airside pavement now reconstructed or newly constructed. Becher-Hoppe Associates planned, designed, and provided resident engineering for both projects. The 2012 improvement project won the Wisconsin Bureau of Aeronautics Outstanding Airport Construction Award.

Project Features

2012 Project

- Reconstruction of Runway 12-30, Taxiways A and B, and terminal apron
- Taxiway A extension; construction of Taxiway C and T-hangar pad area; apron expansion
- Tie downs in apron expansion area for transient aircraft
- LED security lighting for terminal apron area
- Relocated wind tee outside of Runway 12-30 Ultimate Object Free Area (OFA)
- Beneficial re-use of resources by pulverizing and relaying asphalt

2009 Project

- Runway 12-30 extended 450 feet to total length of 3,550 feet
- Cleared 25 acres for Runway 12 approach
- Medium-intensity runway and taxiway edge lighting
- Airfield lighting power supply and control system
- Illuminated taxiway and runway guidance signs
- LED lighted wind cone

Firm's Involvement

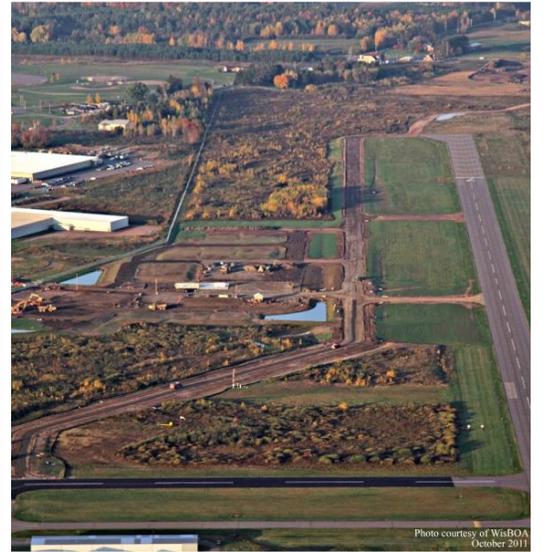
- Prepared Airport Layout Plan (ALP) and Narrative Report
- Performed topographic and obstruction surveys
- Designed pavement, runway and taxiway lighting; prepared plans and specifications
- Provided bidding assistance services
- Provided construction management and contract administration services
- Provided resident construction engineering services including staking, density testing, and quality assurance monitoring
- Prepared record drawings and construction documentation report



Project Description

Becher Hoppe has provided services to the Lakeland Airport since 1977. Becher Hoppe designed and provided construction engineering services for the projects listed below.

1969	Extend Runway 18-36 to 5,000'; Construct Runway 10-28 (Genisot/Becher Hoppe)
1977	Expand terminal apron (North and South); Connector taxiway to 18-36
1981	Overlay runways
1993	Extend runway 18-36; Install localizer and MALS-R
1996	Reconstruct and widen Runway 18-36
2001	Construct parallel taxiway runway 18-36; Construct hangar area
2002	Reconstruct runway 10-28; Terminal apron
2005	Construct new hangar area and connector taxiways
2008	Construct new hangar area
2008	Access road, parking lot and terminal apron LED lighting
2008	Airport Layout Plan
2013	Snow removal equipment building



Project Description

A new full length parallel taxiway was constructed to improve aircraft operations safety and to serve as a connecting link to between the new and old terminal areas. The taxiway alignment was designed to minimize wetland impacts. The new terminal area site consists of an airfield electrical vault, ample space for hangar development, auto parking areas, public utilities, and a state of the art fueling system including Jet A. The new terminal area proudly serves as a gateway to Merrill, Lincoln County and the Northwoods.

Project Features

- Full-length parallel taxiway with LED lighting system
- Terminal site development and aircraft apron
- Fuel system (Jet A & AvGas), and refueler truck parking
- Concrete fueling apron and refueler containment
- High-intensity rotating beacon
- Motion sensor controlled LED apron lighting
- Airfield electrical vault
- Connector taxiways and hangar areas
- Fence relocation and card-access vertical pivot gate
- Surface drainage and storm water detention facilities
- Terminal area access road and auto parking
- Sewer and water utility service

Firm's Involvement

- Project planning and initial environmental assessment
- Project design including wetland mitigation and storm water management
- Prepared construction and bidding documents
- Construction engineering and administration services



Project Description

Becher Hoppe worked with Price County and the Wisconsin Bureau of Aeronautics to make significant modifications to improve the safety and accessibility of Price County Airport. The project, slated for completion in the fall of 2013, consists of construction of a full-length parallel taxiway for their primary runway (Runway 1-19), a runway extension to improve the runway intersection geometry, and a new hangar area for development of privately owned hangars. The project included purchasing airspace easements, and removal of airspace obstructions. Becher Hoppe also completed an FAA airspace survey, including submittal of data to FAA through their airports GIS system.

Project Features

- Full-length parallel taxiway construction with LED lighting system (medium intensity)
- Runway intersection improvements, including a 220-foot runway extension
- NavAid relocations (Rwy 1 PAPI, Rwy 6 VASI, Rwy 1 REILs)
- Electrical vault improvements
- Airport drainage improvements
- Avigation easement acquisition
- FAA airspace survey
- Obstruction removal

Firm's Involvement

- Lead Consultant for planning, environmental assessment, and design
- Airport Layout Plan update
- Lead Consultant for wetland application
- Designed pavement, runway, drainage
- Prepared construction drawings and provided bidding assistance services
- Provided resident construction engineering services
- Lead Consultant for FAA airspace survey



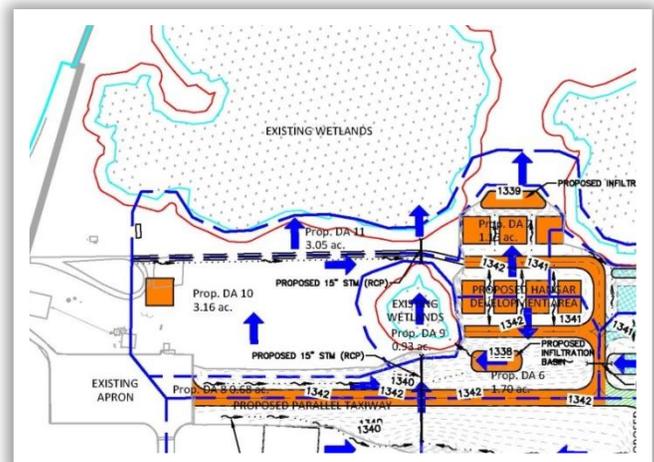
Becher Hoppe has provided services to the Price County Airport since 1981. The projects include:

- 1981-1983 Runway 6-24 pavement; T-hangers and fuel system construction
- 1984 Terminal building design and construction
- 1988 General aviation taxiway expansion; crack seal and seal coat runway, taxiways and apron
- 1988-1991 Crosswind runway feasibility study
- 1993 General aviation taxiway, hangar and T-hanger
- 1991-1996 Runway 1-19 Environmental Assessment, design and construction
- 1998 Terminal apron reconstruction and taxiway relocation
- 2000-2003 Runway 1-19 extension feasibility study; Price County Highway Department salt storage area, and real estate appraisal services
- 2005 Taxiway extension to Runway 1-19; hangar site development
- 2006 Runway 6-24 reconstruction
- 2006 Environmental Assessment for parallel taxiway, runway intersection improvements, private hangar area(s), approach improvements (Lead Consultant for project team)
- 2007 Perimeter security fence, gates and security lighting
- 2011-2013 Real Estate services for land acquisition; 404 wetland permit application (Lead Consultant); Runway 1-19 parallel taxiway, intersection improvements and hangar site development, approach clearing

Becher Hoppe has performed numerous non-invasive environmental studies and assessments throughout central and northern Wisconsin. Environmental assessments may be initiated for various purposes, including:

- Phase I site assessments for property transfers, right of way agreements or other environmental concerns
- Site or facility inspections and reporting
- Compliance reviews, including review of environmental monitoring data and operating records
- Industrial site audits
- Evaluate potential presence of hazardous materials
- Wetland evaluations and consideration of alternatives to minimize impacts
- Water and air quality studies
- Storm water management plans

Depending on the findings of the environmental assessment, no further action may be required or additional site investigation may be warranted.



Cable Union Airport

Bill DeVries, Airport Committee Member
46210 W. Tahkodah Lake Road
Cable, WI 54821
Phone: 715-798-3479

Crandon - Steve Conway Municipal Airport

Norm Knoll, Airport Manager
8765 Mary Street
Argonne, Wisconsin 54511
Phone: 715-649-3225

Ashland - John F. Kennedy Memorial Airport

John Sill, Airport Manager
50511 State Highway 112
Ashland, Wisconsin 54806
Phone: 715-682-7070

Merrill Municipal Airport

John Miller, Airport Manager
N2241 Airport Road
Merrill, Wisconsin 54452
Phone: 715-536-2024

Price County Airport

Brian Ernst, Airport Manager
N1205 Airport Road
Phillips, Wisconsin 54555
Phone: 715-339-3701

Marshfield Municipal Airport

Jeff Gaier, Airport Manager
210 West 29th Street
Marshfield, Wisconsin 54449
Phone: 715-384-3149

Sawyer County Airport

Patty Leslie, Airport Manager
10930 N. Airport Road
Hayward, Wisconsin 54843
Phone: 715-634-4624

Central Wisconsin Airport

Tony Yaron, Airport Manager

200 Central Wisconsin Airport Drive, Suite 201

Mosinee, Wisconsin 54455

Phone: 715-693-2147

Business Insurance

Becher-Hoppe Associates, Inc. holds insurance for Workers Compensation, Employers Liability, General Liability, Excess Umbrella Liability, and Automobile Liability. A certificate of insurance can be provided upon request.

Professional Liability Insurance

Becher-Hoppe Associates, Inc. holds professional liability insurance (errors and omissions) and pollution liability for our engineering and architectural services. Additionally, Becher-Hoppe Associates, Inc. holds professional liability insurance for our real estate professionals. Certificates of insurance can be provided upon request.

Becher Hoppe Aviation Contract Summary

Project	Airport	Primary Service	BOA Project	Contract Amount	Work Completed	* Backlog
Planning						
2012.033.00	Lancaster	ALP update	AIP 3-55-0106-06	\$ 23,867	\$ 21,868	\$ 2,000
2011.070.00	Cable Union Airport	ALP update	AIP 3-55-0011-03	\$ 19,069	\$ 15,612	\$ 3,457
2012.086.00	Manitowish Waters	ALP and Airspace	AIP 3-55-0037-10	\$ 133,789	\$ 56,866	\$ 76,924
2013.093.00	Langlade Airport	ALP Update	AIP 3-55-001-09	\$ 29,880	\$ 10,556	\$ 19,324
				Planning Backlog Total		\$ 101,704
Design						
2010.097.00	Ashland - JFK Memorial Airport	Electrical Vault Building & REILs	AIP 3-55-0003-07	\$ 72,104	\$ 72,104	\$ -
2011.098.00	Price County Airport	Parallel Taxiway and Runway	AIP 3-55-0064-10	\$ 260,191	\$ 258,490	\$ 1,701
2012.065.00	Cable Union Airport	Taxiway and Hangar area	AIP 3-55-0011-03	\$ 123,226	\$ 123,223	\$ 4
2014.027.00	Lancaster Municipal Airport	Runway, vault	AIP 3-55-0106-06	\$ 54,157	\$ -	\$ 54,157
				Design Backlog Total		\$ 55,862
Construction Engineering						
2010.042.01	Sawyer Airport	Taxiway and Hangar area	AIP 3-55-0027-04 / SAP 0757-40-55	\$ 761,420	\$ 206,271	\$ 555,149
2010.093.00	Crandon Municipal Airport	Reconstruct runway & Taxiway	AIP 3-55-0015-07	\$ 108,755	\$ 108,755	\$ -
2010.097.01	Ashland - JFK Memorial Airport	Electrical Vault Building & REILs	AIP 3-55-0003-07	\$ 48,664	\$ 42,740	\$ 5,924
2011.098.00	Price County Airport	Parallel Taxiway and Runway	AIP 3-55-0064-10	\$ 363,317	\$ 354,297	\$ 9,020
2012.020.00	Merrill Municipal Airport	Taxiway & Terminal Area Phase II	AIP 3-55-0044-08	\$ 142,370	\$ 140,921	\$ 1,449
2012.065.01	Cable Union Airport	Taxiway and Hangar area	AIP 3-55-0011-03	\$ 67,440	\$ 7,683	\$ 59,757
				Construction Engineering Backlog Total		\$ 631,299
Land Acquisition						
2011.031.00	Marshfield Municipal Airport	Land Acquisition & User Survey	AIP 3-55-0039-08	\$ 103,281	\$ 102,105	\$ 1,176
2011.066.00	Price County Airport	Land Acquisition	AIP 3-55-0064-10	\$ 209,064	\$ 209,008	\$ 56
2011.066.00	Price County Airport Phase III	Phase III - Land Acquisition	AIP 3-55-0064-10	\$ 307,265	\$ 294,527	\$ 12,738
2012.002.00	Lancaster	Land Acquisition	AIP 3-55-0106-05	\$ 38,675	\$ 33,436	\$ 5,239
2012.011.00	Price County Airport 2011.066 ph II	Land Acquisition	AIP 3-55-0064-10	\$ 2,107	\$ 2,107	\$ -
2013.018.00	Cable Union Airport	Appraisal & Land Release	AIP 3-55-0011-03	\$ 68,392	\$ 41,070	\$ 27,322
2013.081.00	Lancaster Real Estate	Appraisal & Land Release	AIP 3-55-0106-07	\$ 72,698	\$ 43,441	\$ 29,258
				Land Acquisition Backlog Total		\$ 75,789
Survey						
2012.057.00	Price County Airport	Obstruction Survey	AIP 3-55-0064-10	\$ 61,321	\$ 61,321	\$ -
				Survey Backlog Total		\$ -
Architectural						
2011.021.00	Wausau Downtown Airport	SRE Facility	SAP 0737-54-58	\$ 113,720	\$ 113,720	\$ -
2012.061.00	Monroe Municipal Airport	New Terminal Building	AIP 3-55-0050-06	\$ 107,020	\$ 100,087	\$ 6,933
2013.050.00	Lakeland Airport	SRE Building	AIP 3-55-0049-14	\$ 69,485	\$ 48,330	\$ 21,154
				Architectural Backlog Total		\$ 28,087
				Backlog as of March 31, 2014		\$ 892,740
* Backlog includes sub-consultants				Aviation services performed last 12 months		\$ 1,630,782



BECHER HOPPE
Engineers and Architects

330 Fourth Street • P.O. Box 8000
Wausau, WI 54402-8000

Tele: 715.845.8000

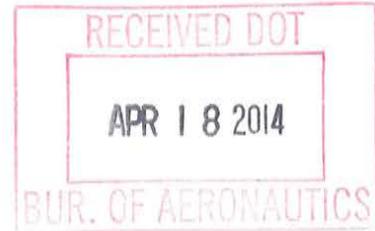
Fax: 715.845.8008

becherhoppe.com

MUNICIPAL
ARCHITECTURE
AIRPORTS
ENVIRONMENTAL
HIGHWAYS
BRIDGES
WATER RESOURCES
WASTEWATER
STORMWATER
DAMS
SURVEYING
REAL ESTATE
AGRICULTURAL

April 17, 2014

Terry Ripp, Project Manager
WI Department of Transportation
Bureau of Aeronautics
P.O. Box 7914
Madison, WI 53707-7914



RE: Consultant Services for the Wausau Downtown Airport

Dear Terry:

OMNNI Associates would like to express our interest in providing consultant services for the proposed airport improvements. Please review our consultant report form on file at the Bureau of Aeronautics and the attached required information.

A full-service engineering, architectural and environmental firm located in Appleton, Wisconsin, OMNNI Associates has provided services to many of Wisconsin's airports. Projects range from design of runways and taxiways, perimeter fencing, apron expansions, and infrastructure to ILS designs, storm water drainage plans, airport layout plans and land negotiation and acquisition services.

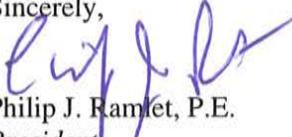
Clients include the Outagamie County Regional Airport, Wittman Regional Airport, Ephraim Gibraltar Airport, Waupaca Municipal Airport, Fond du Lac County Airport, Stevens Point Municipal Airport, Clintonville Municipal Airport, Door County-Cherryland Airport, and New Holstein Municipal Airport.

OMNNI has a long history of providing consultant services for runway reconstructions and repairs. At Wittman Regional Airport in Oshkosh, OMNNI won awards for Excellence in Airport Construction from the Wisconsin DOT, BOA for Runways 18/36 and 9/27. Runway 9/27 also won the award for Excellence in Concrete Pavement from the American Concrete Pavement Association. In addition, OMNNI has provided perimeter/wildlife fence design and construction administration at Outagamie County Regional Airport, Appleton; Wittman Regional Airport, Oshkosh; Clintonville Municipal Airport; and Shawano Municipal Airport.

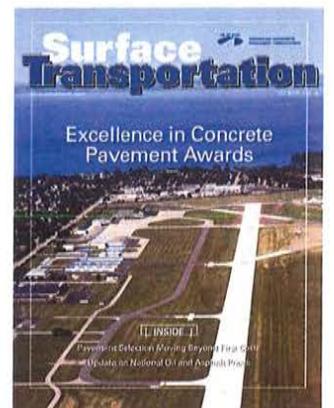
POWRTEK will be used for any electrical work. Powrtek has 25 years of experience in aviation electrical and controls design. Over the past 15 years, OMNNI and Powrtek have worked together on many Wisconsin airport projects building a strong working relationship.

OMNNI Associates has an excellent, highly skilled staff of technical professionals with a proven track record of successful project completions. In addition, our workload and schedule at this time will allow us to begin work on your project immediately upon notice to proceed. We look forward to the opportunity to continue our work with the Bureau of Aeronautics. If you have any questions, please call or e-mail.

Sincerely,


Philip J. Ramlet, P.E.
President
phil.ramlet@omnni.com


Aaron L. Stewart, P.E.
Program Manager, Airport Services
aaron.stewart@omnni.com



OMNNI Associates

Projects Completed and Outstanding Last 12 Months & Future



Projects Completed Last 12 Months

<u>Project Title</u>	<u>Project Location</u>	<u>% Complete</u>	<u>Fee</u>
Main Terminal Apron Reconstruction Design	Wittman Regional Airport	100	227,700
Fond du Lac ALP Update & Boundary Survey	Fond du Lac Municipal Airport	100	65,415
Richland Airport Property Acq's	Richland Municipal Airport	100	79,000
Wittman Fence & Boundry Survey Design	Wittman Regional Airport	100	54,600
Wittman Perimeter Road Design	Wittman Regional Airport	100	153,240
ATW TWY N Ext. & RWY 12-30 Repair Design	Outagamie County Regional Airport	100	201,298
Prairie du Chien RWY 11-29 Reconstruction	Prairie du Chien Municipal Airport	100	112,567
ATW Perimeter Road Design	Outagamie County Regional Airport	100	75,041
ATW Perimeter Road Construction	Outagamie County Regional Airport	100	55,055
Waupaca GA Taxiway Construction	Waupaca Municipal Airport	100	53,109
New Holstein Terminal Design	New Holstein Municipal Airport	100	45,199
D-Apron Reconstruction	Wittman Regional Airport	100	42,870
ATW Signs and RWY Guard Lights Const.	Outagamie County Regional Airport	100	96,835
ATW TWY B North Construction	Outagamie County Regional Airport	100	173,049
ATW FVTC EA	Outagamie County Regional Airport	100	52,412
Ephraim - Gibraltar ALP & Planning	Ephraim Gibraltar Airport	100	71,795
ATW GA Apron Expansion Design	Outagamie County Regional Airport	100	91,860
TOTAL			\$ 1,487,390

Outstanding Contracts Last 12 Months

<u>Project Title</u>	<u>Project Location</u>	<u>% Complete</u>	<u>Fee</u>	<u>Remaining</u>
ATW TWY N & RWY 12-30 Construction	Outagamie County Regional Airport	99	334,005	3,340
New Holstein ALP	New Holstein Municipal Airport	95	36,907	1,845
Wittman Perimeter Road & Fence Construction	Wittman Regional Airport	99	414,065	4,141
Capital Dr. Airport Land	Capital Dr. Airport	85	20,042	3,006
Stevens Point Boundary Survey	Stevens Point Municipal Airport	95	66,540	3,327
Fond du Lac Taxiway design	Fond du Lac Municipal Airport	75	95,220	23,805
Runway 4/22 Reconstruction Design	Clintonville Municipal Airport	80	92,500	18,500
Wittman Airport Layout Plan	Wittman Regional Airport	15	116,475	99,004
Apron Reconstruction Plans	Wittman Regional Airport	80	46,250	9,250
Cherryland Runway Reconstruction	Door County Cherryland	15	108,827	92,503
ATW GA Apron Expansion Construction	Outagamie County Regional Airport	75	216,600	54,150
TOTAL			\$ 1,547,431	\$ 312,871

Proposed Project Staff



Philip J. Ramlet, P.E., Principal-In-Charge

Mr. Ramlet has over 25 years of experience in the design, management, and administration of public and private sector projects. He is principal-in charge for all of OMNNI's transportation projects. He is experienced in real estate negotiations including acquisitions and easement procurement. Specific recent airport experience includes:

- **Outagamie County Regional Airport, Appleton, Wisconsin.** Assisted the airport director in acquiring 6 properties adjacent to the airport. The acquisitions were performed as dictated by Chapter 32 of the Wisconsin State statutes. Responsibilities included meeting with the property owners and explaining the upcoming projects and coordination with the appraisers. Provided relocation services during the most recent acquisition.
- **WisDOT, Bureau of Aeronautics, 11 Avigation Easements at Shawano Municipal Airport.** Negotiator for a Runway Relocation project requiring 11 Avigation Easements. Responsibilities include negotiation with property owners, and coordination with appraisal consultants, title company, city staff and BOA personnel. All acquisitions comply with Chapter 32 of the Wisconsin State Statutes.
- **Principal-In-Charge: Waupaca Bypass and Airport Projects, Waupaca, WI.** Design and construction of an interchange and frontage road system, and a new runway including environmental assessment at Waupaca Municipal Airport, Waupaca, WI.
- **Principal-In-Charge; Outagamie County Regional Airport, Appleton, WI.** Involved in most airport improvements since 1985 involving airside and landside projects. Major projects include runway reconstruction(s), taxiway construction, and design of the Airport Rescue and Firefighting Facility and Snow Removal Equipment buildings.

The Council on Aeronautics presented Mr. Ramlet with the "Airport Engineering Award." This award is presented to an individual who has made a significant contribution in the field of airport design engineering.

**Aaron L. Stewart, P.E.
Senior Airport Engineer / Project Manager**

**"2005 Airport Engineer of the Year" Award,
Wisconsin Airport Management Association**

Mr. Stewart specializes in airport planning, design, and construction. He manages the airport design team, providing geometric design computations, pavement designs, drainage calculations, design of storm sewer, setting pavement grades, computing quantities, design of underground utilities and layout of airfield lighting, preparation of plans, specifications and estimates.

- **Wittman Regional Airport, Oshkosh, WI.** Runway 9/27 rehabilitation and taxiways "E", "J", & "K" Construction.
- **Outagamie Co. Reg. Airport, Appleton, WI.** South General Aviation development expansion design and construction.

- **Outagamie Co. Reg. Airport, Appleton, WI.** Design and construction of the south ½ of Taxiway B.
- **Outagamie Co. Reg. Airport, Appleton, WI.** Design of Runway 21 extension.
- **Waupaca Municipal Airport, Waupaca, WI.** Design & construction of a new 5,200' x 100' runway 10/28 with parallel taxiway and apron expansion. Also included rerouting 1 mile of road.
- **New Holstein Municipal Airport, New Holstein, WI.** Hangar development area design.
- **Outagamie Co. Reg. Airport, Appleton, WI.** Design and construction of the SE General Aviation Dev. Area and Run-up area. Constructed 4,000' of Pathfinder Dr. with sewer & water.
- **Door Co. Cherryland Airport, Sturgeon Bay, WI.** Feasibility study of five alternates for a new 6,000' runway with parallel taxiway.
- **Outagamie Co. Reg. Airport, Appleton, WI.** Terminal apron reconstruction and storm sewer around terminal building addition. Reconstruct and widen taxiways "A", and "B-3". Reconstruct terminal and FBO aprons.
- **Clintonville Municipal Airport, Clintonville, WI.** Expand "E" apron and construct taxiway "B".
- **Door County Cherryland Airport, Sturgeon Bay, WI.** Apron taxiways, and auto parking reconstruction and expansion.

Jeremy J. Roberts, P.E., Transportation/Airport Engineer

Mr. Roberts has 10 years of experience in both design and construction. His responsibilities include construction inspection, along with storm sewer and erosion control design, and construction cost estimating. In addition he has been involved in data collection for survey work and computer operations including Microstation for highway design. Mr. Roberts' has taken several airport plans from initial conception to final plans and has performed as resident engineer on these projects. Project experience includes:

- **Wittman Regional Airport, Oshkosh, WI.** Design of the east side service road, south access road and Runway 27 threshold relocation.
- **Outagamie County Regional Airport, Appleton, WI.** Design and resident engineer for:
 - The reconstruction of 3,000 ft. of Taxiway 'B' including the construction of 1.5 miles of service road.
 - The Entrance Roads / Parking / Service Area project which added to and reconfigured the existing access and parking for customers at the airport. The project was done in phases and normal parking activities had to be maintained throughout the project.
 - The Terminal Apron Expansion project which is a 200' expansion to the west of the existing ramp near the terminal gates inside the airport. This is a concrete ramp built according to FAA standards.
 - The General Aviation Access Road Landscaping project. This project included the design of landscaping / streetscaping using features such as trees, shrubs, flowers, decorative stone, and a water feature.

- **Clintonville Municipal Airport, Clintonville, WI.** Design and resident engineer for the relocation of the SE taxiway and reconstruction of the SW terminal apron.
- **Door County-Cherryland Airport, Sturgeon Bay, WI.** Design of the new southwest entrance and south terminal apron reconstruction.
- **Waupaca Municipal Airport, Waupaca Co, WI.** Runway and taxiway expansion. Performed quantity and miscellaneous sheet dev, vertical profile design, construction estimate, site design and plan review/revisions.

Timothy A. Bolwerk, P.E.
Civil Engineer Project Manager

Outstanding Airport Building Resident Engineer Award
 Wittman Regional Airport Air Traffic Control Tower
 WisDOT, Bureau of Aeronautics

Mr. Bolwerk is a civil engineering project manager with extensive experience managing multi-discipline projects for public sector clients. He has over 27 years of experience in design and construction administration, as well as geotechnical and construction materials engineering and testing. Project experience includes:

Outagamie County Regional Airport, Appleton, Wisconsin.

- Project manager/engineer for design and construction administration for the installation of two separate fuel farms for the airport. Each facility has 2-20,000 gallon tanks. The fuel farms include pumps for dispensing the fuel, filtration systems, area for fuel trucks to offload the fuel, and a complex security/communication system of locks, cameras, card readers, inventory/sales system and signage.
- Resident engineer for construction of a new glycol facility including a new apron, service road, and masonry building. Construction included helical pile foundation, heating systems, water and waste systems and high speed overhead doors with detection logs.
- Project manager/engineer for the design and construction administration for a new terminal building security system including card readers and security cameras at all perimeter gates, security cameras and call-for-assistance phones in the front parking lot, and new proximity cards and readers with integral keypad type.

Door County Cherryland Airport, Sturgeon Bay, Wisconsin. Project manager for construction services for the new underground fueling system.

Fox Valley Technical College, Appleton, Wisconsin. Project manager for design of the above ground fuel systems at the school.

Wittman Regional Airport, Oshkosh, Wisconsin. Project manager for the construction of a new air traffic control tower for the airport. The new tower includes a 4,240-square-foot ground facility complete with offices, break/training area, and maintenance and utility space. The tower's shaft includes an elevator and stair tower for vertical connection between the ground facility and the cab, as well as intermediate levels containing mechanical equipment and support facilities for the cab. The tower cab is 60% larger than the existing tower cab and contains state-of-the-art electronics to aid the controllers and increase airport safety.

Paul R. Eggen, P.G., CET, Program Manager, - Geotechnical/Construction Materials Testing

Mr. Eggen has over 20 years of experience as an engineering technician and construction inspector. Primary responsibilities include coordinating technicians in testing and inspection of concrete, soils, and asphalt in accordance with ASTM and Wisconsin DOT procedures, and meeting with owner and contractor representatives in providing any coordination materials testing. Other responsibilities include performing field and laboratory tests on concrete, soils, masonry mortar, masonry, aggregates and asphalt. Airport projects include:

- **Wisconsin DOT Bureau of Aeronautics Projects**, Directed and provided geotechnical explorations and contractor quality control and engineer's acceptance testing on airport reconstruction projects in Green Bay, Door County, Sheboygan, New Holstein, Oshkosh, Fond du Lac, Waupaca and Mosinee, WI. Services included soil borings, asphalt and concrete mix designs, subgrade and fill compaction, aggregate base course, concrete and asphalt aggregates, asphalt mix, and PCC mix testing, and obtaining and measuring of pavement thickness cores.
- **Outagamie County Airport, Appleton, WI**. Directed engineer's acceptance testing of runway taxiway, and apron pavements for the past ten years. Developed and executed a comprehensive materials testing program for a 6,000 ft., \$4 million runway reconstruction project. Coordinated and performed testing services and served as OMNI's on-site representative and inspector during the construction of the Air Wisconsin Maintenance Facility and apron construction. Provided geotechnical support and construction materials testing during the recent construction of the terminal expansion.

Craig R. Knuth, Engineering Technician

Mr. Knuth has experience as a design and field technician on airport projects in Wisconsin and Minnesota at general aviation and air carrier facilities. He has designed and drafted various projects with the latest computer-aided drafting (CAD) software, including MicroStation, AutoCAD, and the associated civil engineering design software. Mr. Knuth has worked as a survey crew member, construction inspector and resident engineer on projects involving grading, ridge and flexible pavements. He is familiar with airport safety and security procedures.

- **Outagamie County Regional Airport, Appleton, Wisconsin**. Runway 3-21 extension & perimeter road.
- **Outagamie County Reg. Airport**, Corporate Area Development
- **Shawano Municipal Airport, Shawano, Wisconsin**. New Runway 17-35, taxiway and taxi lane.
- **Wittman Regional Airport, Oshkosh, Wisconsin**. Taxiway design and runway reconstruction.
- **Outagamie County Regional Airport, Appleton, Wisconsin**. New concrete construction of commercial apron, connecting taxiway and asphaltic entrance road.
- **Outagamie County Regional Airport, Appleton, Wisconsin**. Reconstruction of terminal apron, several FBO aprons, and adjacent taxiway.
- **Wittman Regional Airport, Oshkosh, Wisconsin** - Major reconstruction of airfield lighting system, new and revised guidance signs, new electrical equipment enclosures.
- **Fond du Lac County Airport**, Construction Inspection.
- **Outagamie County Airport, Federal Express/Maxair** - Concrete testing & miscellaneous inspection.
- **Waupaca Municipal Airport, Waupaca, Wisconsin**. Lead technician for the design of a new 5,200-foot runway and the design of a new interchange with frontage road system that combined WisDOT highway and BOA design standards.

Aaron Kiesau, AIA, LEED, AP, Project Architect

Mr. Kiesau has 25 years of experience involving all project types including government, commercial, industrial, health care and religious facilities. Projects include new construction, renovations and facilities planning. Experience includes:

- **Outagamie County Regional Airport, Appleton, Wisconsin.** Project Architect for multiple projects:
 - Renovations to the Administration offices.
 - New kitchenette in the passenger waiting area.
 - Existing Hangar modifications to finishes and building envelope.
 - Design and Code review for modifications to existing Executive Hangar Building.
 - New and expanded access control and CCTV system in the terminal building.
 - Flight training facility building renovations.
 - New passenger boarding bridge.
 - New building for glycol operations.
- **Kimberly-Clark Corp, Appleton, Wisconsin.** Project architect for the design of a new 25,000-square-foot hangar facility at Outagamie County Regional Airport to house corporate jet aircraft. 3,000 square feet of office space was incorporated into the design.
- **Door County Cherryland, Sturgeon Bay, Wisconsin.** Project architect for renovations to the airport terminal building including updates to meet current accessibility standards and finishes. Design included a 2,588 s.f. addition to meet space needs for the airport, as well as provide space for meetings and training activities.
- **Waupaca Municipal Airport, Waupaca, Wisconsin.** Design of a new single-bay hangar facility which will be used to store snow removal equipment and covered pavilion for public events.
- **New Holstein Municipal Airport, New Holstein, Wisconsin.** Project architect for a terminal building addition for the New Holstein Municipal Airport. The new 1,600-square-foot addition includes space for FBO operations, a pilots' lounge and a large community room.
- **Fond du Lac County Airport, Fond du Lac, Wisconsin.** Project architect for the design of a 6,150-square-foot terminal building including a pilot's lounge, community room, training center and airport office space.

Brian Wayner, P.E., Program Manager – Environmental Services

As program manager of environmental services, Mr. Wayner is responsible for the quality of work performed by the professionals in the department. He is involved in the planning and implementation of work plans, and directly oversees project work performed in the hydrogeology and engineering areas. Mr. Wayner's experience includes the following:

- **Wittman Regional Airport Tower Replacement – An Environmental Assessment (short form).** A short Environmental Assessment (form "C") was required as state and federal funding was involved. OMNNI is conducting an EA in accordance with National Environmental Policy Act. A statement of proposed project purpose and need has been prepared. The EA process will include proposed project, setting, and area descriptions, coordination with the appropriate agencies and interested parties, and an evaluation of potential impacts. Other alternatives including a no action option were assessed. Alternate locations were evaluated.
- **Outagamie County Regional Airport Environmental Assessment.** Environmental assessment for two fuel farms.

- **Shawano Municipal Airport Crosswinds Runway Construction.** An Environmental Assessment (EA) was required as state and federal funding was involved. OMNNI conducted an EA in accordance with National Environmental Policy Act. A statement of proposed project purpose and need was prepared. The EA process included proposed project, setting, and area descriptions, coordination with the appropriate agencies and interested parties, a hazardous materials assessment, and an evaluation of potential impacts. An existing runway extension was evaluated and rejected and a preferred alternative of constructing a new runway was proposed. Other alternatives including a no action option were assessed.

Don Brittnacher, P.E., P.G., Environmental Project Manager

Mr. Brittnacher is a professional geologist and engineer with extensive experience in environmental assessments, investigation and remediation. His experience also includes wetlands delineation work. He has provided wetland delineation services in various parts of Wisconsin, as part of highway and bridge reconstruction projects, and private development projects. Mr. Brittnacher has worked extensively with the Corps of Engineers, the Wisconsin Department of Natural Resources, and appropriate county and local agencies on projects involving environmental issues and permitting. He also completed a wetlands mitigation project with the Outagamie County Regional Airport.

Dave Yurk, R.L.S., Surveyor

Mr. Yurk offers 19 years experience in the field of land surveying. Clients include the Wisconsin Department of Transportation, Wisconsin Department of Aeronautics, counties and municipalities. Responsibilities include supervision and coordination of the field crews, as well as the development, and preparation of right-of-way plats.

Airport Design Surveys:

- **Waupaca Municipal Airport, Waupaca Wisconsin.**
Project involved field survey, and development of Land Acquisition Mapping and certified survey map development for a new 5,000-foot runway.
- **Shawano Municipal Airport, Shawano Wisconsin.**
Project involved field survey, and development of Land Acquisition Mapping as well as preparation of all acquisition deeds. Also prepared boundary survey of the airport property, approximately 335 acres.
- **Outagamie County Regional Airport, Town of Greenville, Outagamie County, Wisconsin.**
Complete boundary survey of entire airport property. Area encompassed 1,756 acres of airport property. Development of land acquisition mapping and deeds for airport land acquisition.

CONSULTANT REPORT FORM

Submit completed form to Bureau of Aeronautics

Wisconsin Department of Transportation

05/2002

1a. Firm Name / Business Address

OMNI Associates, Inc.
One Systems Drive
Appleton, WI 54914

1b. Name of Parent Company, if any

2. Year Present Firm Established
1968

2a. Fiscal Year End Date
(MM/DD/YY)
12/31/2013

3. Date Prepared (MM/DD/YY)
January 22, 2014

1a. Submittal is for
 Parent Company

Branch Office

1c. The FIRM holds a current Certificate of Authorization to practice professional engineering from the State of Wisconsin's Department of Regulation and Licensing per s.443.08 Wis. Stats.
 YES If Yes, Provide License Number: 417,011

NO

4. Type of Ownership
4a. Minority Owned YES NO
4b. Female Owned YES NO

5. Name, Title, Telephone of not more than Two Principals to Contact
1) Philip J. Ramlet, P.E., CEO/President 920-735-6900

2) Aaron Stewart, P.E., Program Manager, Airports

6. Services Offered by Firm

Engineering, architecture, environmental consulting services including Surveys, Master plans, Airport layout plans, Runway/taxiway design & reconstruction, Lighting and navigational aids, Paving, Architectural design, Environmental assessments, Materials testing, Stormwater runoff, Real estate acquisition, Fuel farm design and construction.

8. E-Mail Address for Firm aaron.stewart@omni.com

9. Present Offices - City, Telephone, FAX Number, Number of Personnel (include separate sheet, if necessary)
Appleton, WI 54914

920-735-6900

FAX 920-830-6100

9a. Total Personnel 52

9b. WI Based Personnel 52

10. Personnel by Discipline- WI-Based/Other

- | | | | |
|--|-----------------------------------|--|---------|
| 4/___ Ecologists | ___/___ | 4/___ Structural Engineers | ___/___ |
| 1/___ Administrative | ___/___ | 4/___ Surveyors | ___/___ |
| 1/___ Architects | ___/___ | 2/___ Mechanical Engineers | ___/___ |
| 2/___ Certified Materials Inspectors | ___/___ | 2/___ Planners - Urban/Regional | ___/___ |
| ___/___ Certified Value Engineering Specialist | ___/___ | 5/___ Project Managers | ___/___ |
| 5/___ Civil Engineers/Design | 2/___ Environmentalists | 1/___ Real Estate Appraisal, Acquisition Experts | ___/___ |
| 5/___ Civil Engineers/Construction | 2/___ Geologists/Hydrogeologists | 5/___ Transportation Engineers | ___/___ |
| ___/___ Civil Engineers/Construction | 1/___ Hazardous Materials Experts | 3/___ Airport Engineers | ___/___ |
| 3/___ Draftspersons | 1/___ Hydrologists | 2/___ Soils Engineers | ___/___ |

11. Summary of Professional Services Fees Received - Insert Index Number

1. Less than \$100,000 3. \$250,000 to \$500,000 5. \$1 million to \$2 million 7. \$5 million to \$10 million
2. \$100,000 to \$250,000 4. \$500,000 to \$1 million 6. \$2 million to \$5 million 8. \$10 million or greater

Last 5 Years - Most Recent Year First
All Contract Work, Including Overseas

2013	2021	2011	2010	2009
7	7	7	7	7

12. Profile of Firm's Project Experience, Last 5 Years (Please only use Experience Codes listed on Page 4 of this form.)

PROFILE CODE	NUMBER OF PROJECTS	TOTAL GROSS FEES (in Thousands)	PROFILE CODE	NUMBER OF PROJECTS	TOTAL GROSS FEES (in Thousands)	PROFILE CODE	NUMBER OF PROJECTS	TOTAL GROSS FEES (in Thousands)
1) 005	9	285	4) 104	36	487	7) 201	12	1,413
2) 006	52	1,091	5) 106	736	2,743	8) 202	33	4,151
3 046	281	15,485	6) 107	68	2,675	9)		

13. Brief Resume of Key Persons and Specialists

<p>a. Name and Title Philip J. Ramlet, P.E., President <i>Principal-In-Charge</i></p>	<p>a. Name and Title Phillip T. Roberts, P.E. <i>Transportation Program Manager</i></p>
<p>b. E-Mail Address phil.ramlet@omni.com</p>	<p>b. E-Mail Address phil.roberts@omni.com</p>
<p>c. Years Experience 31 With This Firm 26 With Other Firms 5</p>	<p>c. Years Experience 28 With This Firm 20 With Other Firms 9</p>
<p>Name of Previous Firms with which Associated City of Chicago Mead & Hunt</p>	<p>d. Name of Previous Firms with which Associated RUST Environment & Infrastructure Schoell & Madison, Inc.</p>
<p>e. Education Degree(s)/Year/Specialization B.S./1982/Civil and Environmental Engineering Principles of Real Estate Appraisal, IRWA Course 400 LPA Training, WISDOT District 3</p>	<p>e. Education Degree(s)/Year/Specialization B.S./1985/Civil Engineering</p>
<p>f. Active Registration Year First Registered/Discipline/State in which Registered 1987/Professional Engineer/Wisconsin</p>	<p>f. Active Registration Year First Registered/Discipline/State in which Registered 1989/Professional Engineer/Wisconsin</p>
<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>	<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>
<p>h. Membership in Professional Organizations ACEC, NSPE, TDA</p>	<p>h. Membership in Professional Organizations ASCE, TDA</p>
<p>i. Other Experience and Qualifications Relevant to the Proposed Project: Mr. Ramlet is principal-in charge for all of OMNINI's transportation projects, including real estate negotiations regarding acquisitions and easement procurement. Project experience includes: Richland Airport, Richland Center, Wisconsin. Provided real estate negotiations for land acquisitions to increase safety margins around the airport runways during take-offs and landings. The project requires three total buyouts with relocations and three partial acquisitions. WISDOT, BOA, 11 Avigation Easements at Shawano Municipal Airport. Negotiator for a Runway Relocation project requiring 11 Avigation Easements. Principal-In-Charge: Waupaca By Pass and Airport Projects, Waupaca, WI. Design and construction of an interchange and frontage road system, and a new runway including environmental assessment at Waupaca Municipal Airport, Waupaca, WI. Principal-In-Charge, Wittman Regional Airport, Oshkosh, WI. Design of a new Air Traffic Control Tower. Principal-In-Charge: Outagamie County Regional Airport, Appleton, WI. Involved in most airport improvements since 1985 involving airside and landside projects. Assisted the airport director in acquiring six properties adjacent to the airport. The acquisitions were performed as dictated by Chapter 32 of the Wisconsin State statutes. WISDOT, Bureau of Aeronautics, Avigation Easements at Wittman Regional Airport, Oshkosh. Negotiator for a project requiring Avigation Easements on two parcels.</p>	<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Roberts has extensive experience managing highway design projects. As Transportation Program Manager, he is responsible for management of OMNINI's transportation projects. His responsibilities include being the Project Manager for the following design projects. STH 22/54 (Waupaca Eastside Bypass), Waupaca County, WI. 2-mile bypass, bridge over the Waupaca River, interchange at USH 10, and associated frontage roads. STH15/USH 45, Outagamie County WI. 2.5 miles conversion of a two-lane rural roadway to a four-lane divided/five-lane undivided urban facility CTH D (Main St), Columbia Co, WI. 2 miles urban reconstruction through Village of Fall River. Included FRR crossing, storm sewer, RW plat, and incorporation of sewer & watermain plans. STH 49 (Main Street) City of Waupun, WI 0.6 miles of urban reconstruction in downtown Waupun. Historical documentation, storm sewer, decorative streetlights, patterned sidewalk and utility improvements were components of the project. STH 26 Watertown & Fond du Lac Streets, City of Waupun, WI. 1.4 miles of urban reconstruction through a residential and commercial area of Waupun. Included intersection geometrics, storm sewer, streetlights, and utility improvements. STH 21 (STH 49-Winnebago Co Line), Waushara Co, WI. 5 miles of rural reconditioning/reconstruction. Subgrade strengthening, drainage improvements and RW.</p>

13. Brief Resume of Key Persons and Specialists

<p>a. Name and Title Aaron L. Stewart, P.E. Senior Airport Engineer</p>	<p>a. Name and Title Jeremy Roberts, P.E. Civil Engineer</p>
<p>2005 Airport Engineer of the Year Award Airport Management Association</p>	
<p>b. E-Mail Address aaron.stewart@omni.com</p>	<p>b. E-Mail Address jeremy.roberts@omni.com</p>
<p>c. Years Experience 23 With This Firm 23 With Other Firms 0</p>	<p>c. Years Experience 14 With This Firm 14 With Other Firms 0</p>
<p>d. Name of Previous Firms with which Associated N/A</p>	<p>d. Name of Previous Firms with which Associated</p>
<p>e. Education Degree(s)/Year/Specialization B.S./1993/Civil Engineer</p>	<p>e. Education Degree(s)/Year/Specialization B.S./2000/Civil Engineer</p>
<p>f. Active Registration Year First Registered/Discipline/State in which Registered 1997/Professional Engineer/Wisconsin</p>	<p>f. Active Registration Year First Registered/Discipline/State in which Registered 2005/Professional Engineer/Wisconsin</p>
<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>	<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>
<p>h. Membership in Professional Organizations Wisconsin Airport Management Assn, American Assn. of Airport Executives</p>	<p>h. Membership in Professional Organizations</p>
<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Stewart specializes in airport planning, design, and construction. He manages the airport design team, providing geometric design computations, pavement designs, drainage calculations, design of storm sewer, setting pavement grades, computing quantities, design of underground utilities and layout of airfield lighting, preparation of plans, specifications and estimates. Outagamie Co. Reg. Airport, Appleton, WI. Design and Construction of a new 86,000 sy concrete general aviation terminal apron with 3,000 ft of access road. . Design and construction of 2,800' * 75' concrete Taxiway N with stream relocation and 19,000 sy of concrete Runway 12/30 removal and replacement. Prairie du Chien Municipal Airport, Prairie du Chien, WI. Design and reconstruction of the 4,000' Runway 11/29. Waupaca Municipal Airport, Waupaca, WI. Design & construction of a new 5,200' x 100' runway 10/28 with parallel taxiway and apron expansion. Also included rerouting 1 mile of road. Wittman Regional Airport, Oshkosh, WI. Design and construction of the airport perimeter road and fence. Wittman Regional Airport, Oshkosh, WI. Design and construction of the reconstruction of Runway 18/36 and Runway 9/27 with crossing runways and connectors. Fond du lac Municipal Airport, Fond du Lac, WI. Design and construction of terminal apron reconstruction and expansion and new terminal building site layout.</p>	<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Roberts has experience in both airport design and construction. His experience includes taking several airport plans from initial conception to final plans and functioning as the resident engineer on these projects. Experience includes: Outagamie County Regional Airport, Outagamie Co, WI. Projects include General Aviation Apron Expansion, reconstruction of 3,000 ft. of Txyw B including the construction of 1.5 miles of service road, parking lot expansion and entrance road relocation, terminal apron expansion, glycol mixing facility design and service roads and airfield signage replacement and runway guard lights installation including underground electrical. Waupaca Municipal Airport – Design engineer for new taxiway to north hangar area. Wittman Regional Airport, Oshkosh, WI. Design of the east side service road, south access road and Runway 27 threshold relocation. Clintonville Municipal Airport, Clintonville, WI. Design and resident engineer for the relocation of the SE taxiway and reconstruction of the SW terminal apron. Burlington Memorial Airport, Burlington, WI. Design engineer for Runway 11-29 reconstruction.</p>

13. Brief Resume of Key Persons and Specialists

<p>a. Name and Title Ben Backus, EIT <i>Transportation Engineer</i></p>	<p>a. Name and Title Jason Marks, P.E. <i>Transportation Engineer</i></p>
<p>b. E-Mail Address ben.backus@omni.com</p>	<p>b. E-Mail Address jason.marks@omni.com</p>
<p>c. Years Experience 6 With This Firm 6 With Other Firms 0</p>	<p>c. Years Experience 10 With This Firm 10 With Other Firms 0</p>
<p>d. Name of Previous Firms with which Associated</p>	<p>d. Name of Previous Firms with which Associated</p>
<p>e. Education Degree(s)/Year/Specialization BS/2007/General Engineering</p>	<p>e. Education Degree(s)/Year/Specialization B.S./2005/Civil Engineer</p>
<p>f. Active Registration Year First Registered/Discipline/State in which Registered EIT/2009/Wisconsin; Highway Tech Certs: Agg Sampling, PCCTEC-1</p>	<p>f. Active Registration Year First Registered/Discipline/State in which Registered 2009/Professional Engineer/Wisconsin</p>
<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>	<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>
<p>h. Membership in Professional Organizations American Society of Civil Engineers Construction Institute</p>	<p>h. Membership in Professional Organizations American Society of Civil Engineers</p>
<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Backus is experienced in roadway and airport design. He also has experience with roadway, bridge and airport construction. Duties on construction have included acting as resident engineer, inspection and surveying. He has an understanding of site grading and drainage, stormwater management, pavement design and traffic control. Project experience includes: Shawano Municipal Airport, Shawano County, Wisconsin. Resident engineer for a perimeter fencing project with access road. Project included 22,250 LF of fence. Outagamie County Regional Airport, Outagamie County, Wisconsin. Project inspector for the construction of a 2,800' concrete taxiway and 28,000-square-foot concrete apron. Work included the construction of a half mile asphalt access road and street lighting. Supervised the construction of sanitary sewer, water main, storm sewer, and underdrain. Also supervised grading and paving operations. Implemented erosion control inspection program. Construction cost: \$7.2 million. Engineering and design of double fuel facilities for the airport. Engineering and design of Taxiway B reconstruction, service road, parking lot and Discovery Drive for the airport. Witman Regional Airport, Winnebago County, Wisconsin. Surveying for new runway and taxiways and design work on plans for Runway 18/36 and apron.</p>	<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Marks is a transportation engineer with experience in transportation design, roadway construction, geotechnical testing, and survey. Experience includes. Prairie du Chien Municipal Airport, Prairie du Chien, Crawford County, WI. Design Engineer and Resident Engineer for the reconstruction of 4,000 feet of runway and the widening of the parallel taxiway from 25 feet to 35 feet. Major quantities of work included 35,500 SY of pulverize and relay existing pavement, 7,000 tons of HMA pavement, 1200 CY of common excavation, 16,000 SF of pavement marking. Construction Cost: \$0.83 million. Burlington Municipal Airport, City of Burlington, Racine and Walworth Counties, Wisconsin. Resident engineer for the reconstruction of 4,300 feet of runway and parallel taxiway and connector taxiways. Major quantities of work included 60,000 SY of pulverize and relay existing pavement, 16,800 tons of HMA pavement, 850 LF of storm sewer, and 7,700 SY of bituminous pavement removal. Construction Cost: \$1.1 million. Stevens Point Municipal Airport, City of Stevens Point, Portage County, Wisconsin. Resident engineer for the construction of 3,400 feet of taxiway. Major quantities of work included 10,000 CY common excavation, 10,000 tons crushed aggregate base course, 4,200 tons of HMA pavement, and 9,000 feet of taxiway lighting. Construction Cost: \$ 0.65 million. Clintonville Municipal Airport, City of Clintonville, Waupaca County, Wisconsin. Resident engineer for the construction of 1,700 feet of taxiway and hangar aprons and 2,000 feet of taxi lane reconstruction. Construction Cost: \$0.54 million.</p>

13. Brief Resume of Key Persons and Specialists

<p>a. Name and Title Oswaldo Falcon <i>Transportation/Construction Engineer</i></p>	<p>d. Name and Title Aaron Kiesau, AIA, LEED AP <i>Project Architect</i></p>
<p>b. E-Mail Address oswaldo.falcon@omni.com</p>	<p>e. E-Mail Address aaron.kiesau@omni.com</p>
<p>c. Years Experience 11 With This Firm 7 With Other Firms 4</p>	<p>c. Years Experience 17 With This Firm 12 With Other Firms 5</p>
<p>d. Name of Previous Firms with which Associated Gremmer & Assoc, K. Singh & Assoc, Earth Tech, WISDOT</p>	<p>d. Name of Previous Firms with which Associated RMT, Inc.; McMahon Associates</p>
<p>e. Education Degree(s)/Year/Specialization Mid-State Tech College A.A.S./2001/Civil Engineering</p>	<p>e. Education Degree(s)/Year/Specialization B.A./1987/Architecture-Iowa State University Associates of Arts degree/North Iowa Community College</p>
<p>f. Active Registration Year First Registered/Discipline/State in which Registered</p>	<p>f. Active Registration Year First Registered/Discipline/State in which Registered Registered Architect/Wisconsin/ 2008/LEED Accredited Professional by the Green Building Certification Institute</p>
<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>	<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>
<p>i. Membership in Professional Organizations</p>	<p>h. Membership in Professional Organizations</p>
<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Falcon has wide range of WisDOT and BOA construction experience including, material testing, construction inspection, record keeping, assisting in project management, and surveying. Experience Includes: Wittman Regional Airport, Oshkosh, WI, Project Inspector & Assistant Project Manager: Project consisted 4.33 mi of asphalt paved perimeter road, grading, storm sewer, clearing & grubbing, storm water detention basins, masonry endwalls and perimeter security fence. Outagamie Co. Regional Airport, Appleton, WI, Project Inspector & Assistant Project Manager: Project consisted of the expansion of the terminal's apron expansion which included storm sewer, biofilters, base course, econocrete, PCC pavement, HMA pavement, airport electrical work, landscaping, pavement marking and traffic control (airside). Wittman Regional Airport, Oshkosh, WI, Runway 18-36 Reconstruction. Project Inspector. Project consisted of the reconstruction of 2,025 L.F. of runway 18-36 which included concrete and asphalt pavement removal, grading, underdrains, Base Course, PCC pavement, HMA pavement, pavement marking, Landscaping, airport electrical work and traffic control (airside). Outagamie Co. Regional Airport, Appleton WI, Entrance Roads, Parking, and Service Area, Project Inspector. Project included asphalt and concrete pavement, curb & gutter, storm and sanitary sewage, water main, entrance and exit plazas, sidewalk, landscaping, detention pond, biofilters, and 2-sign bridges.</p>	<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Kiesau has 25 years of experience involving all project types including government, commercial, industrial, health care and religious facilities. Experience Includes: • Outagamie County Regional Airport, Appleton, Wisconsin. Project Architect for: o Renovations to the Administration offices. o New kitchenette in the passenger waiting area. o Existing Hangar modifications to finishes and building envelope. o Design and Code review for modifications to existing Executive Hangar Building. o New and expanded access control and CCTV system in the terminal building. o Flight training facility building renovations. o New passenger boarding bridge. o New building for glycol operations. • Kimberly-Clark Corp, Appleton, Wisconsin. Project architect for the design of a new 25,000-square-foot hangar facility to house corporate jet aircraft. 3,000 square feet of office space was incorporated into the design. • Door County Cherryland, Sturgeon Bay, Wisconsin. Project architect for renovations to the airport terminal building including updates to meet current accessibility standards and finishes. Design included a 2,588 s.f. addition to meet space needs for the airport, as well as provide space for meetings and training activities. • Waupaca Municipal Airport, Waupaca, Wisconsin. Design of a new single-bay hangar</p>

13. Brief Resume of Key Persons and Specialists

a. Name and Title
Paul R. Eggen, P.G., CET
Program Manager, Geotechnical/Construction Materials Testing

a. Name and Title
Timothy A. Bolwerk, P.E.
Civil Engineering Project Manager

b. E-Mail Address paul.eggen@omni.com

b. E-Mail Address tim.bolwerk@omni.com

c. Years Experience 30 With This Firm 24 With Other Firms 6

c. Years Experience 32 With This Firm 23 With Other Firms 9

d. Name of Previous Firms with which Associated
 Twin Cities Testing Corporation

d. Name of Previous Firms with which Associated
 Twin City Testing Corporation

e. Education Degree(s)/Year/Specialization
 B.S./1983 Construction Technology & Science; AutoCAD, FVTC; Troxler Radiation Safety Officer Training 1996; Troxler Nuclear Gauge Training

e. Education Degree(s)/Year/Specialization
 B.S./1982/Civil Engineering

f. Active Registration Year First Registered/Discipline/State in which Registered
 2003/Pg-WI, WISDOT Certs: '91/Agg Tech I; '92/Asphalt Tech I; '93/Grading Tech I; '95/Asphalt Tech II; PCC Tech I; '98/Concrete Comp. Strength Testing; '99/PCC Tech II; '01/HMATTEC-III;s; ATTS05

f. Active Registration Year First Registered/Discipline/State in which Registered
 1988/Professional Engineering/WI.; 1992/WISDOT Cert Aggregate Tech I, Asphalt Tech I & II; 1993 WISDOT Cert. Asphalt Tech III, w/SuperPave Upgrade; 1992/Troxler Nuclear Gauge Cert.

g. Value Engineering Certification Year Last Certified/Value Engineering References

g. Value Engineering Certification Year Last Certified/Value Engineering References

h. Membership in Professional Organizations
 Association of Asphalt Paving Technologists

h. Membership in Professional Organizations
 HTCP – Advisory Board WHRP – Technical Oversight Committee-Rigid Pavements

i. Other Experience and Qualifications Relevant to the Proposed Project
 Mr. Eggen has 30 years of experience as an engineering technician and construction inspector. Primary responsibilities include coordinating technicians in testing and inspection of concrete, soils, and asphalt in accordance with ASTM and Wisconsin DOT procedures, and meeting with owner and contractor representatives in providing any coordination materials testing. Other responsibilities include performing field and laboratory tests on concrete, soils, masonry mortar, masonry, aggregates and asphalt. Airport projects include:
Wisconsin DOT Bureau of Aeronautics Projects. Directed and provided geotechnical explorations and contractor quality control and engineer's acceptance testing on airport reconstruction projects in Green Bay, Door County, Sheboygan, New Holstein, Oshkosh, Fond du Lac, Waupaca and Mosinee, WI. Services included soil borings, asphalt and concrete mix designs, subgrade and fill compaction, aggregate base course, concrete and asphalt aggregates, asphalt mix, and PCC mix testing, and obtaining and measuring of pavement thickness cores.
Outagamie County Regional Airport, Appleton, WI. Directed engineer's acceptance testing of runway taxiway, and apron pavements. In 1990, developed and executed a comprehensive materials testing program for a 6,000 ft., \$4 million runway reconstruction project. Coordinated and performed testing services and served as OMNI's on-site representative and inspector during the construction of the Air Wisconsin Maintenance Facility and apron construction. Provided geotechnical support and construction materials testing during the recent construction of the terminal expansion.

i. Other Experience and Qualifications Relevant to the Proposed Project
 Mr. Bolwerk is a civil engineering project manager with extensive experience managing multi-discipline projects for public sector clients. He has over 30 years of experience in design and construction administration, as well as geotechnical and construction materials engineering and testing. Airport projects include:
Outagamie Co. Regional Airport, Appleton, WI.
 -Project engineer for the design and construction administration of a new bulk fuel facility and self-serve fuel facility.
 -Resident engineer for construction of a new glycol facility.
 -Project engineer for the design and construction administration for a new terminal building security system including card readers and security cameras at all perimeter gates, security cameras and call-for-assistance phones in the front parking lot, and new proximity cards and readers with integral keypad type.
Wittman Regional Airport, Oshkosh, Wisconsin. Project manager for the construction of a new air traffic control tower for the airport. The new tower includes a 4,240-square-foot ground facility complete with offices, break/training area, and maintenance and utility space. The tower's shaft includes an elevator and stair tower for vertical connection between the ground facility and the cab, as well as intermediate levels containing mechanical equipment and support facilities for the cab. The tower cab is 60% larger than the existing tower cab.

<p>a. Name and Title Craig R. Knuth Engineering Technician</p>	<p>a. Name and Title Mark Fuerst Engineering Technician</p>
<p>b. E-Mail Address craig.knuth@omni.com</p>	<p>b. E-Mail Address mark.fuerst@omni.com</p>
<p>c. Years Experience 25 With This Firm 23 With Other Firms 2</p>	<p>c. Years Experience 15 With This Firm 14 With Other Firms 1</p>
<p>d. Name of Previous Firms with which Associated Short, Elliot, Henderickson</p>	<p>d. Name of Previous Firms with which Associated Excel Engineering</p>
<p>e. Education Degree(s)/Year/Specialization Associate Degree/1988/Civil Engineering Technology</p>	<p>e. Education Degree(s)/Year/Specialization Associates Degree/1999/Civil Engineering</p>
<p>f. Active Registration Year First Registered/Discipline/State in which Registered</p>	<p>f. Active Registration Year First Registered/Discipline/State in which Registered</p>
<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>	<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>
<p>h. Membership in Professional Organizations Wisconsin Automation Users Group</p>	<p>h. Membership in Professional Organizations</p>
<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Knuth has experience as a design and field technician on airport projects in Wisconsin and Minnesota at general aviation and air carrier facilities. He has designed and drafted various projects with the latest computer-aided drafting (CAD) software, including MicroStation, AutoCAD, and the associated civil engineering design software. Mr. Knuth has worked as a survey crew member, construction inspector and resident engineer on projects involving grading, rigid and flexible pavements. He is familiar with airport safety and security procedures.</p> <ul style="list-style-type: none"> • Outagamie County Regional Airport – Runway 3-21 Extension and perimeter road. • Shawano Municipal Airport – New runway 17-35, taxiway and taxi lane. • Wittman Regional Airport -Taxiway design and runway reconstruction. • Outagamie County Regional Airport, GA Expansion & Run-up pad. • Outagamie County Regional Airport - New concrete construction of commercial apron, connecting taxiway and asphaltic entrance road. • Outagamie County Regional Airport - Reconstruction of terminal apron, several FBO aprons, and adjacent taxiway. • Wittman Regional Airport, Oshkosh, Wisconsin - Major reconstruction of airfield lighting system, new and revised guidance signs, new electrical equipment enclosures. • Fond du Lac County Airport, Construction Inspection. • Outagamie County Airport, Federal Express/Maxair - Concrete testing and inspection. 	<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Fuerst has experience as a design and field technician on airport, highway, and bridge projects. He has drafted various projects using the latest CAD and design software, including Microstation, Eagle Point and AutoCad Civil 3D. Airport projects include:</p> <p>Outagamie Co. Reg. Airport, Appleton, WI, CADD technician for:</p> <ul style="list-style-type: none"> • Taxiway N • Perimeter Road • Reconstruction of entrance roads/parking/service area, GA development, North side service road, land/terminal/hangar lease drawings. • Airport wildlife fence, security controls and gates. • Taxiway B North reconstruct • Glycol storage Facility <p>Wittman Reg. Airport, Winnebago Co, WI, CADD technician for Runway 9/27 reconstruction, terminal apron, Runway 18/36, and perimeter road/security fence.</p> <p>Clintonville Municipal Airport, Clintonville, WI, CADD technician for apron expansion.</p> <p>Fond du Lac Co. Airport, Fond du Lac, WI, CADD technician for apron and parking reconstruction.</p> <p>Waupaca Municipal Airport, Waupaca Co, WI, CADD technician for Runway 10/28, hangars, taxiways and apron expansion.</p>

<p>a. Name and Title Jason Weis, P.E., CPESC <i>Project Engineer - GIS/Stormwater</i></p>	<p>a. Name and Title Brian Wayne, P.E. <i>Environmental Project Manager</i></p>
<p>b. E-Mail Address Jason.@omni.com</p>	<p>b. E-Mail Address brian.wayner@omni.com</p>
<p>c. Years Experience 17 With This Firm 12 With Other Firms 5</p>	<p>c. Years Experience 28 With This Firm 21 With Other Firms 7</p>
<p>d. Name of Previous Firms with which Associated RMT, Inc.; McMahon Associates</p>	<p>d. Name of Previous Firms with which Associated United Technologies</p>
<p>e. Education Degree(s)/Year/Specialization UW - Platteville / B.S. / 1996 / Civil Engineering University of Wyoming / M.S. / 1997 / Environmental Engineering</p>	<p>e. Education Degree(s)/Year/Specialization MS/1992/Environmental Engineering/Univ of New Haven, West Haven, CT BS/1986/Electrical Engineering /Univ of WI - Milwaukee</p>
<p>f. Active Registration Year First Registered/Discipline/State in which Registered 2004 / Professional Engineer / Wisconsin Certified Professional in Erosion & Sediment Control (CPESC)</p>	<p>f. Active Registration Year First Registered/Discipline/State in which Registered Prof. Engineer-WI #E-35304, OSHA 40-Hour HAZWOPER</p>
<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>	<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>
<p>h. Membership in Professional Organizations North American Stormwater & Erosion Control Association (NASECA); International Erosion Control Association (IECA); Soil and Water Conservation Society (SWCS)</p>	<p>h. Membership in Professional Organizations</p>
<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Weis specializes in the design and development of database and geographic information systems (GIS) applications, including asset inventory systems, infrastructure management systems and field inspection software. He is also experienced in conducting hydrologic and hydraulic models for municipalities and project sites. Outagamie County Regional Airport Suspended Solids (TSS) Modeling. <i>Outagamie County, Wisconsin.</i> Existing and no-controls models were generated in WinsLAMIW for the county-owned property at the airport. GIS was used to delineate the outfalls and drainage basins, and to identify the current land uses at the airport. Baseline condition and existing condition files were generated in WinsLAMIW, and the TSS generation and removal from the airport was combined with the County's highway right-of-way model to determine overall compliance with the TSS removal requirements. Outagamie County Regional Airport GIS Mapping. Converted the airport's CADD mapping system into GIS-based mapping for maintenance of the airport's assets including all infrastructure and utilities.</p>	<p>i. Other Experience and Qualifications Relevant to the Proposed Project Mr. Wayne's technical experience includes: guiding clients through preparing environmental assessments; brownfield redevelopment; grant writing and grant administration; performing investigations and designing remediations for soil and groundwater contaminated sites. Outagamie Co Reg. Airport, Appleton, Wisconsin. Environmental assessment for 2 fuel farms and an Environmental assessment for the FVTC Public Safety building which is to be built on airport land. Shawano Municipal Airport, Shawano, Wisconsin. Conducted an environmental assessment for a runway extension. Coordinated with Federal, State, and local agencies. Wetland impacts were mitigated. Conducted a public hearing on the preliminary environmental assessment. A Finding of No Significant Impact was obtained. Wittman Regional Airport, Oshkosh, Wisconsin. Conducted an environmental assessment for a new control tower and decommissioning of the existing control tower. Coordinated with Federal, State, and local agencies. A Finding of No Significant Impact was obtained. Stevens Point Municipal Airport, Stevens Point, Wisconsin. Conducted an environmental assessment for an ILS navigation system, lighting, and taxiways. Coordinated with Federal, State, and local agencies. A public hearing on the preliminary environmental assessment will be required.</p>

13. Brief Resume of Key Persons and Specialists

<p>a. Name and Title Elizabeth Marks, P.E. Civil/Site and Stormwater Engineer</p>	<p>a. Name and Title Cari Bodoh, P.E. Structural Engineer</p>
<p>b. E-Mail Address elizabeth.marks@omni.com</p>	<p>b. E-Mail Address cari.bodoh@omni.com</p>
<p>c. Years Experience 7 With This Firm 6 With Other Firms 1</p>	<p>c. Years Experience 18 With This Firm 8 With Other Firms 10</p>
<p>d. Name of Previous Firms with which Associated</p>	<p>d.Name of Previous Firms with which Associated Marathon Engineers, LLC (now Poyry Canada & US)</p>
<p>e. Education Degree(s)/Year/Specialization UW – Platteville B.S./2006/Civil Engineering</p>	<p>e. Education Degree(s)/Year/Specialization B.S., 1996, Architectural Engineering and Building Construction - Structural Emphasis, Milwaukee School of Engineering, Milwaukee, WI</p>
<p>f. Active Registration Year First Registered/Discipline/State in which Registered 2010/Professional Engineer/Wisconsin</p>	<p>f. Active Registration Year First Registered/Discipline/State in which Registered Professional Engineer/Wisconsin</p>
<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>	<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>
<p>h. Membership in Professional Organizations Wisconsin Association for Floodplain, Stormwater, and Coastal Management (WAFSCM) American Public Works Association (APWA)</p>	<p>h. Membership in Professional Organizations</p>
<p>i. Other Experience and Qualifications Relevant to the Proposed Project Ms. Marks' responsibilities include design of site plans including grading, erosion control, stormwater drainage plans, utilities design, and permitting. She is familiar with a variety of hydrology modeling programs including HydroCAD, WINSLAMM, and XPSWMM. Project experience includes: Outagamie County Regional Airport, General Aviation Terminal Apron, Greenville, Wisconsin. Project engineer for a stormwater management plan and storm sewer design including the design of 11 biofiltration basins and dry detention ponds. Outagamie County Regional Airport Wetland Compensation Site, Town of Grand Chute, Wisconsin. Project engineer for site engineering to restore wetland conditions to a converted wetland. Experimental Aircraft Association (EAA) AirVenture Site Development, City of Oshkosh, Town of Algoma, and Town of Neklini, Winnebago County, Wisconsin. Project engineer for the utility and stormwater facilities plan for three miles of new roadway and a future exhibit hall. To meet City, Town, County, and DNR stormwater requirements, hydrologic modeling was completed on an underground storage cell system composed of clear stone and water quality modeling was completed on a biofiltration basin. Stormwater runoff was designed to enter the underground storage cells via GEOWEB or porous asphalt along the proposed road. In one area, the discharge of a system of underground storage cells is directed to the biofiltration basin for total suspended solids reduction. Used XP-SWMM and WINSLAMM modeling software packages.</p>	<p>i. Other Experience and Qualifications Relevant to the Proposed Project Ms. Bodoh is a structural engineer with over seventeen years of consulting experience. Project experience includes: Outagamie County Regional Airport, Appleton, Wisconsin. Lead structural engineer for: • Executive hangar upgrades, including structure to support a new tall door above the existing hangar sliding doors. • New passenger boarding bridge, including concrete foundations and steel structure, designed to follow the curve of the existing terminal building. • Glycol building, including concrete foundations, masonry structure and steel joist roof structure. • T-hangar relocation, including assistance on bracing the three existing hangars for relocation, and foundation design for the new locations. • Entry and exit plazas, including concrete foundations, masonry structure, steel structure with standard steel joist roof structures. Kimberly-Clark Corporation Hangar and Offices, Appleton, Wisconsin. Lead structural engineer for a new 25,000-square-foot hangar facility, including 3,000-square-feet of office space, located at Outagamie County Regional Airport. The structural design consisted of concrete foundations, radiant heated floor slab in the hangar, prefabricated metal hangar building, and steel-framed office building including a two-story entry area. Door County Cherryland Airport Terminal Expansion, Sturgeon Bay, Wisconsin. Lead structural engineer for the design of a 2,588-square-foot building addition and modifications to the existing terminal building. The structural design consisted of concrete foundations on shallow bedrock, wood framed walls and roof trusses, and two two-story steel-framed entry vestibules.</p>

13. Brief Resume of Key Persons and Specialists

<p>a. Name and Title David A. Yurk, RLS Survey Manager</p>	<p>a. Name and Title Robert D. Givens, P.E., P.H. Civil/Site and Water Resources Engineer</p>
<p>b. E-Mail Address dave.yurk@omni.com</p>	<p>b. E-Mail Address bob.givens@omni.com</p>
<p>c. Years Experience 27 With This Firm 22 With Other Firms 5</p>	<p>c. Years Experience 20 With This Firm 156 With Other Firms 4</p>
<p>d. Name of Previous Firms with which Associated Carow Land Surveying Saylor Survey, Inc Graef, Anhalt, Schloemer & Associates</p>	<p>d. Name of Previous Firms with which Associated Pearson, Brown & Assoc, Inc. UW - Madison</p>
<p>e. Education Degree(s)/Year/Specialization B.S./1987/Professional Geography</p>	<p>e. Education Degree(s)/Year/Specialization M.S./1997/Civil and Environmental Eng (Water Resources Eng.) B.S./1993/Civil Engineering</p>
<p>f. Active Registration Year First Registered/Discipline/State in which Registered 2009/ Registered Land Surveyor/ Wisconsin</p>	<p>f. Active Registration Year First Registered/Discipline/State in which Registered Professional Engineer: Wisconsin: #E-33066; Illinois: #E-54690 Professional Hydrologist: Wisconsin #PH-189</p>
<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>	<p>g. Value Engineering Certification Year Last Certified/Value Engineering References</p>
<p>h. Membership in Professional Organizations Wisconsin Society of Land Surveyors, Nat'l Society of Professional Surveyors</p>	<p>h. Membership in Professional Organizations APWA</p>
<p>h. Other Experience and Qualifications Relevant to the Proposed Project Mr. Yurk offers over 25 years' experience in the field of land surveying. Clients include the Wisconsin Department of Transportation, Wisconsin Department of Aeronautics, counties and municipalities. Responsibilities include supervision and coordination of the field crews, as well as the development, and preparation of right-of-way plats.</p> <p>Airport Design Surveys:</p> <ul style="list-style-type: none"> • Waupaca Municipal Airport, Waupaca Wisconsin Project involved field survey, and development of Land Acquisition Mapping. • Shawano Municipal Airport, Shawano Wisconsin Project involved field survey, and development of Land Acquisition Mapping as well as preparing all acquisition deeds. • Cherryland Airport, Sturgeon Bay, Wisconsin Project involved field survey for airport improvements projects. • Outagamie County Regional Airport, Town of Greenville, Outagamie County, Wisconsin. Complete boundary survey of entire airport property. Area encompassed 1,756 acres of airport property. Development of land acquisition mapping and deeds for airport land acquisition. • Wittman Regional Airport & Clintonville Regional Airport 	<p>h. Other Experience and Qualifications Relevant to the Proposed Project Mr. Givens specializes in hydraulic and site design projects. Airport experience includes:</p> <p>Experimental Aircraft Association (EAA) Site Plan, Oshkosh, Wisconsin.</p> <ul style="list-style-type: none"> • Honda Exhibit Pad – 25,000 sq. ft. concrete pad with stormwater treatment under the pad • Bike Path – 2, 800 ft asphalt bike trail connecting the north camping/parking areas to Waukau. Environmentally sensitive areas along navigable stream and wetlands required the use of turf reinforcing mat instead of asphalt, for almost 600 feet of the trail. • Hangar Road extension – 600 LF road design with porous asphalt and under road stormwater storage cells and storm sewer design • FAA garage and DOT exhibit pad – 1,600 sq. ft. garage and 2,400 sq. ft. concrete pad including sanitary and water services • Garmin Exhibit Pad – 12,000 sq. ft. pad • Vintage Aircraft building – 7,500 sq. ft. building with on-site stormwater design, asphalt walkways. • Warbird Building – 2,300 sq. ft. building site plan • Transient Shower building – 1,700 sq. ft. shower facility site plan. <p>Outagamie County Regional Airport, Greenville, Wisconsin. Comprehensive site design for an airport parking project including expansion of the existing parking area, planning for future parking needs, relocation of a road, and redesign of the entrance plaza.</p>

14. Project Examples, Last 5 Years					
PROFILE CODE	P, C, JV, or IE	PROJECT NAME AND LOCATION	OWNER NAME AND ADDRESS	CONSTRUCTION COST OR STUDY COST	COMPLETION DATE ACTUAL OR ESTIMATE
201 202 102	P	Apron Repairs Wittman Regional Airport	Wittman Regional Airport 525 West 20 th Ave. Oshkosh, WI 54902	42,000	2014
201 202 102	P	ALP and Utility Locate Wittman Regional Airport	Wittman Regional Airport 525 West 20 th Ave. Oshkosh, WI 54902	116,475	2014
201 202 102	P	Taxiway Reconstruction Fond du Lac County Airport	Fond du Lac County Airport 160 S Macy Fond du Lac, WI 54935	92,127	2014
202 102 104	P	General Aviation Expansion Design and Construction Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	342,000	2013
201 202 102	P	Runway Repairs Door County Cherryland Airport	Door County-Cherryland Airport 3418 Park Drive Sturgeon Bay, WI 54235	108,826	2014
202	P	Runway Construction Prairie du Chien Municipal Airport	Prairie du Chien Municipal Airport	112,507	2012
15. This Firm is knowledgeable of WISDOT's planning, design, and construction standards, policies, criteria, and practices for federal-aid airport projects. (As contained in the Federal Aviation Administration advisory circulars and pertinent Federal Aviation regulations.)					
				X YES	<input type="checkbox"/> NO
16. Name, Title of Person Completing this Form					
Aaron L. Stewart, P.E., Senior Airport Engineer			Area Code – Telephone Number	920-735-6900	

14. Project Examples, Last 5 Years					
PROFILE CODE	P, C, JV, or IE	PROJECT NAME AND LOCATION	OWNER NAME AND ADDRESS	CONSTRUCTION COST OR STUDY COST	COMPLETION DATE ACTUAL OR ESTIMATE
006 202	P	Terminal Addition Design & Construction New Holstein Airport	New Holstein Municipal Airport 3015 Wisconsin Ave New Holstein, WI 53061	61,339	2012
202 104	P	Taxiway N Design Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	108,943	2012
202 102	P	Perimeter Road Design Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	75,041	2012
202 102 104	P	Perimeter Road Construction Wittman Regional Airport	Wittman Regional Airport 525 West 20 th Ave. Oshkosh, WI 54902	361,350	2012
202 102	P	Perimeter Road Construction Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	41,098	2012
202 106 104 102 005	P	Runway 12/30 and Taxiway N Construction Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	289,005	2012
15. This Firm is knowledgeable of WISDOT's planning, design, and construction standards, policies, criteria, and practices for federal-aid airport projects. (As contained in the Federal Aviation Administration advisory circulars and pertinent Federal Aviation regulations.)					
				X YES	<input type="checkbox"/> NO

16. Name, Title of Person Completing this Form
 Aaron L. Stewart, P.E., Senior Airport Engineer
 Area Code - Telephone Number
 920-735-6900

14. Project Examples, Last 5 Years					
PROFILE CODE	P, C, JV, or IE	PROJECT NAME AND LOCATION	OWNER NAME AND ADDRESS	CONSTRUCTION COST OR STUDY COST	COMPLETION DATE ACTUAL OR ESTIMATE
201 033 102	P	Environmental Assessment for FVTC Training Center Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	\$52,411	2011
201 102	P	Airport Layout Plan New Holstein Municipal Airport	New Holstein Municipal Airport 3015 Wisconsin Ave New Holstein, WI 53061	\$36,907	2011
201 102	P	Airport Layout Plan Ephraim-Gibraltar Airport	Ephraim – Gibraltar Airport Ephraim, WI	\$71,795	2011
202 005 106 102	P	Taxiway Construction Waupaca Municipal Airport	Waupaca Municipal Airport Waupaca, WI	\$53,109	2011
202 005	P	Taxiway Design Waupaca Municipal Airport	Waupaca Municipal Airport Waupaca, WI	\$45,250	2011
202 102 003 104	P	Perimeter Road Wittman Regional Airport	Wittman Regional Airport 525 West 20 th Ave. Oshkosh, WI 54902	\$153,240	2011

15. This Firm is knowledgeable of WISDOT's planning, design, and construction standards, policies, criteria, and practices for federal-aid airport projects.
(As contained in the Federal Aviation Administration advisory circulars and pertinent Federal Aviation regulations.)

YES

NO

16. Name, Title of Person Completing this Form
Aron L. Stewart, P.E., Senior Airport Engineer

Area Code – Telephone Number
920-735-6900

14. Project Examples, Last 5 Years

PROFILE CODE	P, C, J/V, or IE	PROJECT NAME AND LOCATION	OWNER NAME AND ADDRESS	CONSTRUCTION COST OR STUDY COST	COMPLETION DATE ACTUAL OR ESTIMATE
005	P	Fuel Facility Construction Door County-Cherryland Airport	Door County-Cherryland Airport 3418 Park Drive Sturgeon Bay, WI 54235	385,000	2010
202	P	Glycol Facility Construction Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	1,094,142	2010
102					
104					
106					
202	P	Fence Construction Shawano Municipal Airport	Shawano Municipal Airport 248 Airport Road Shawano, WI 54166	592,125	2010
102					
106					
201	P	CCTV & Airport Security System Design and Construction Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	1,584,728	2010
202					
102					
006	P	Single-bay Hangar Facility Design (Snow Removal Equipment) Waupaca Municipal Airport	Waupaca Municipal Airport Waupaca, WI	292,572	2010
005	P	Taxiway Signs and Runway Guard Lights Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	50,740	2010
202					
107					

15. This Firm is knowledgeable of WISDOT's planning, design, and construction standards, policies, criteria, and practices for federal-aid airport projects. (As contained in the Federal Aviation Administration advisory circulars and pertinent Federal Aviation regulations.)

YES

NO

16. Name, Title of Person Completing this Form
 Area Code - Telephone Number
 Aaron L. Stewart, P.E., Senior Airport Engineer
 920-735-6900

14. Project Examples, Last 5 Years					
PROFILE CODE	P, C, JV, or IE	PROJECT NAME AND LOCATION	OWNER NAME AND ADDRESS	CONSTRUCTION COST OR STUDY COST	COMPLETION DATE ACTUAL OR ESTIMATE
201	P	ALP Update Fond du Lac County Airport	Fond du Lac County Airport 160 S Macy Fond du Lac, WI 54935	65,415	2010
202	P	Taxiway B North Construction Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	69,482	2012
202	P	Apron Reconstruction Construction Wittman Regional Airport	Wittman Regional Airport 525 West 20 th Ave. Oshkosh, WI 54902	33,100	2012
202 005 106 104	P	Runway 18/36 Phase 2 Construction Wittman Regional Airport	Wittman Regional Airport 525 West 20 th Ave. Oshkosh, WI 54902	4,102,826	2009
202 006	P	6-Unit Hangar Building Richland Municipal Airport	Richland Municipal Airport 28694 County Hwy B Sextonville, WI. 53584	416,020	2009
202 046 107	P	General Aviation Access Road LFA Construction Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	1,000,000	2009

15. This Firm is knowledgeable of WISDOT's planning, design, and construction standards, policies, criteria, and practices for federal-aid airport projects. (As contained in the Federal Aviation Administration advisory circulars and pertinent Federal Aviation regulations.)

YES

NO

16. Name, Title of Person Completing this Form
Aron L. Stewart, P.E., Senior Airport Engineer

Area Code - Telephone Number
920-735-6900

14. Project Examples, Last 5 Years

PROFILE CODE	P, G, JV, or IE	PROJECT NAME AND LOCATION	OWNER NAME AND ADDRESS	CONSTRUCTION COST OR STUDY COST	COMPLETION DATE ACTUAL OR ESTIMATE
202	P	Terminal Apron Expansion Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	2,435,070	2009
006	P	New Terminal Building Fond du Lac County Airport	Fond du Lac County 160 S Macy Fond Du Lac, WI 54935	1,311,900	2009
202	P	Apron Reconstruct Design Wittman Regional Airport	Wittman Regional Airport 525 West 20 th Ave. Oshkosh, WI 54902	227,700	2009
202	P	Runway 18/36 Phase 1 Construction Wittman Regional Airport	Wittman Regional Airport 525 West 20 th Ave. Oshkosh, WI 54902	1,968,981	2009
102	P	Security Fence Construction Outagamie County Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	2,060,000	2009
202	P	Passenger Boarding Bridge Outagamie Co. Regional Airport	Outagamie Co. Regional Airport W6390 Challenger Dr, Suite 201 Appleton, WI 54915	932,475	2009

15. This Firm is knowledgeable of WISDOT's planning, design, and construction standards, policies, criteria, and practices for federal-aid airport projects. (As contained in the Federal Aviation Administration advisory circulars and pertinent Federal Aviation regulations.) YES NO

16. Name, Title of Person Completing this Form
 Aaron L. Stewart, P.E., Senior Airport Engineer
 Area Code – Telephone Number
 920-735-6900

REQUEST FOR PROPOSALS
FOR
ARCHITECTURAL/ENGINEERING SERVICES

RADTKE POINT PARK – BANK RESTORATION
WAUSAU, WISCONSIN

Wausau and Marathon County Parks Recreation and Forestry Department

On Behalf of

The City of Schofield and the City of Wausau

APRIL 28, 2014

INTRODUCTION

This request for architectural/engineering services is for design of bank restoration and erosion control at Radtke Point Park, City of Wausau, Wisconsin. Architectural/Engineering Services are required to develop plans and cost estimates, providing bidding assistance, construction layout, construction observation, and post construction activities. This is a joint project between the cities of Schofield and Wausau hereinafter referred to as "CITIES". The City of Wausau is the Owner. The Wausau and Marathon County Parks, Recreation and Forestry Department is the CITIES Representative.

PROPOSALS SHALL INCLUDE:

1. Resumes of only professionals who will be working on this project.
2. Identification of any sub-consultants you firm proposes to utilize in the performance of this work.
3. Itemized cost estimate of fees for each phase of professional services including any sub-consultants.
4. A list of references for projects your firm has completed which are similar in scope.

PROPOSAL SPECIFICS

1. Any restrictions on the use of data contained within a proposal must be clearly stated in the proposal itself. Non-disclosure cannot be guaranteed after the selection stage of this procurement due to public records law considerations.
2. The owner reserves the right to reject in whole or in part any and all proposals, to waive any informalities, and to accept the proposal determined to be in the best interest of the CITIES. This solicitation may also be canceled in whole or in part if determined to be in the best interest of the CITIES.
3. Submit THREE (3) copies of the proposal within a single sealed envelope or container. The **outside** lower left corner of the envelope should have the following notation: "**PROPOSAL FOR RADTKE POINT PARK BANK RESTORATION.**"
4. It is anticipated all design work will be completed within 90 days of acceptance of proposal.
5. Proposals shall be received by _____ by: ?

Peter Knotek - Assistant Director
Wausau and Marathon County Parks Recreation and Forestry Department
212 River Drive, Suite 2
Wausau, WI 54403-5447
(715) 261-1550

6. The A/E shall provide all drawings in an electronic file format acceptable to the CITIES as well as conventional format.

CONSULTANT SELECTION

The CITIES will consider the following criteria in evaluation of the proposals and interview presentation if required:

1. Past record of performance of the firm and project team on projects similar to this project, including the status of implementation of these projects. (20%)
2. Specialized experience and technical competence of the firm and project team assigned including subcontractors and associated firms as they relate to the specific needs of this project. (20%)
3. Familiarity of the firm with the type of problems and potential alternatives applicable to this project. (20%)
4. Ability to complete the project within the necessary time frame. (20%)
5. Cost. (20%)

SCOPE OF SERVICES

GENERAL

This project consists of design of the bank restoration and erosion control of the bluff face overlooking Lake Wausau at Radtke Point Park utilizing geotechnical fabrics or grids, engineered backfill and shoreline erosion control where needed. This project also includes the design of a pedestrian access stairs and path from the park to Lake Wausau and pedestrian and vehicle controls to prevent future erosion.

1. Preliminary Design

- a. Meet with owner to identify objectives of project.
- b. Develop topographic data as required.
- c. Prepare schematic design for bluff restoration, erosion control, and pedestrian path.
- d. Prepare cost estimate.
- e. Review proposed design and cost estimate with owner.
- f. Revise as directed.
- g. Assist in the preparation of grant applications.

2. Final Design

- a. Prepare bid documents including final construction drawings, specifications and detailed cost estimate in bid format.
- b. Submit final bid documents to owner for final review. Revise final bid documents as required.
- c. Coordinate plan review by the appropriate local, state and federal agencies.
- d. Answer questions and provide appropriate clarification of plans and specifications pertaining to technical aspects of project during the bidding period.

- e. Assist in the qualification of contractors.
- f. Attend bid opening. Advise CITIES on contractor selection after bid opening.
- g. Attend pre-construction conference.

3. Construction

Construction activities will be a separate contract

4. Post Construction

Post construction activities will be a separate contract

HOLD HARMLESS

Architect/Engineer hereby agrees to release, indemnify, defend, and hold harmless the CITIES, their officials, officers, employees and agents from and against all judgments, damages, penalties, losses, costs, claims, expenses, suits, demands, debts, actions and/or causes of action of any type or nature whatsoever, including actual and reasonable attorney's fees, which may be sustained or to which they may be exposed, directly or indirectly, by reason of personal injury, death, property damage, or other liability, alleged or proven, resulting from or arising out of the performance of contractor, its officers, officials, employees, agent or assigns. The CITIES does not waive, and specifically reserves, it's right to assert any and all affirmative defenses and limitations of liability as specifically set forth in Wisconsin Statutes, Chapter 893 and related statutes.

AMERICANS WITH DISABILITIES ACT COMPLIANCE

In connection with the performance of work under this contract, Architect/Engineer agrees that no qualified individual with a disability, as defined by the Americans with Disabilities Act, shall, by reason of such disability, be excluded from participation and the benefits of services, programs, or activities, including employment, or be subjected to discrimination. Architect/Engineer is specifically notified that it is subject to all employment requirements listed under Title I of the Americans with Disabilities Act by virtue of its contract with the CITIES, public entities. Architect/Engineer is specifically notified that it is subject to federal requirements to assure participation and access to public facilities, programs, and activities under Title II of the Americans with Disabilities Act by virtue of its contract with the CITIES, a public entity. These requirements mandate separate or special programs or reasonable modification of existing programs, services, and activities without surcharge to disabled individuals as long as safety is not compromised. Architect/Engineer shall provide a similar notice to all its subcontractors.

INSURANCE REQUIREMENTS

Architect/Engineer shall not commence work under this contract until all insurance required under this paragraph is obtained, and such insurance has been approved by the CITIES, nor shall Architect/Engineer allow any subcontractor to commence work on their subcontract until all similar insurance requirements have been obtained and approved.

- (a) **Worker's Compensation Insurance.** Architect/Engineer shall obtain and maintain throughout the duration of this contract statutory Worker's Compensation insurance for all of its employees employed at the site or while working on this project. In case any work is

sublet, Architect/Engineer shall require the subcontractor similarly to provide statutory Workers' Compensation Insurance for all of the latter's employees, unless such employees are covered by the protection afforded by Architect/Engineer.

(b) **General Liability, Professional Liability and Property Damage Insurance.** Architect/Engineer shall secure and maintain in force throughout the duration of this contract such General Liability, Professional Liability and Property Damage Insurance as shall protect him/her and any subcontractor performing work covered by this contract from claims for damages for personal injuries including accidental death, as well as from claims for property damage, which may arise from operations under this contract, whether such operations be by Architect/Engineer, or by any subcontractor or by anyone directly or indirectly employed by either of them; and the amount of such insurance shall be as follows:

- Comprehensive General Liability \$1,000,000 per occurrence and in aggregate for bodily injury and Property Damage.
- Professional Liability Coverage, \$1,000,000 per occurrence and in aggregate.
- Automobile Liability \$1,000,000 per occurrence and in aggregate for bodily injury and property damage.
- Excess Liability Coverage, \$1,000,000 over the General Liability and Automobile Liability Coverages.
- If aircraft are used in conjunction with this project, \$2,000,000 per occurrence and in aggregate for bodily injury and property damage.

PROOF OF INSURANCE

Architect/Engineer shall furnish the CITIES with a Certificate of Insurance countersigned by a Wisconsin Resident Agent or Authorized Representative of the insurer indicating that Architect/Engineer meets the insurance requirements identified above. The Certificates of Insurance shall include a provision prohibiting cancellation of said policies except upon 30 days prior written notice to the CITIES and specify the name of the contract or project covered. The Certificate of Insurance shall be delivered to the Owner, with a copy of the Certificate of Insurance to be delivered to the Risk Management Division for approval prior to the execution of this contract. Upon renewal of the required insurance and annually thereafter, the CITIES shall receive a new Certificate of Insurance for three years after completion of the project. The Certificates shall describe the contract by name and or identification number in the "Description of Operations" section of the form.