

McMAHON Staff News/Additions	P1
Brillion Downtown Improvements	
Wisconsin Wetland Changes	P2
Wisconsin DOT Awards Announced/ WDNR Approved Assured Wetland Delineator	P3
View from Corner Office Employee Farewell/Community	P4
Featured Client: Gulfstream	P5

EMPLOYEE NEWS



PAUL BENEDICT, PE, SE
EXECUTIVE VICE PRESIDENT /
SENIOR STRUCTURAL ENGINEER

McMAHON is pleased to announce that Paul has been added to the company's Board of Directors.

NEW FACES

ARCHITECTURE



CARMEN BEHM
ARCHITECT



ASHLIE KAMPS
ARCHITECTURAL
DESIGNER/DRAFTER

SYSTEMS and BUILDING ENGINEERING GROUP



TARYN FREEMAN
STRUCTURAL DESIGNER/
DRAFTER

ENVIRONMENT and INFRASTRUCTURE GROUP



KYLE FLAVIN
GIS TECHNICIAN



JORDAN WOCHENSKE
ENGINEERING TECHNICIAN

PARTNERSHIPS HELP Downtown Brillion Improvements Move Forward

The City of Brillion is nestled between Lake Michigan and Lake Winnebago in Calumet County. Being centrally located 25 miles from Appleton, Green Bay, and Manitowoc, makes Brillion a great location for quaint living with easy access to larger urban areas. Brillion is also home to several major employers, including Ariens Company, Endries Manufacturing, and Professional Plating. The City has its own Redevelopment Authority (RDA), whose top priority is eliminating blight and enhancing the downtown business district.

The City has conducted many studies over the last ten to twenty years, trying to develop concepts for improving the downtown district and addressing space needs at City Hall. Efforts were ramped up in recent years, after a grocery store moved out of the downtown Hub Shopping Center, a nearly vacant strip mall. The concepts did not move forward primarily due to lack of funding. Modifications have been made at the

City Hall to try to accommodate Administrative Staff, Police, Fire and Ambulance. The Council Chambers were even converted to Police Department offices and the City Council currently meets at the Community Center.

In 2016, the City was introduced to McMAHON's newest affiliate company, Integrated Public Resources, LLC (IPR). IPR was formed to provide small to medium-sized communities with innovative alternatives for project delivery using Public-Private Partnership (P3) concepts. IPR was hired by the RDA to conduct a study to evaluate the City's needs associated with the downtown district, while addressing the feasibility of utilizing IPR and P3 project delivery to make the improvements come to fruition. McMAHON and IPR worked with the City and the RDA to develop several different concepts for an improved downtown district, including a new City Hall and multi-family housing.



Proposed City Hall and multi-family housing (behind)

BRILLION IMPROVEMENTS continued

After many meetings with Mayor Gary Deiter, Administrator Lori Gosz, City Staff, City Council and Commissions (RDA, Utility Commission, and Plan Commission), the City gave IPR the green light to develop a proposal for constructing and financing a new City Hall. At this time, the City was also approached by a local business owner, Bob Endries, about the need for additional local housing for their employees. Endries promoted the concept that an attractive City Hall and downtown were vitally important for attracting and retaining new employees. Other key industrial employers in town, like Dan Ariens, concurred with this sentiment. To help the improvements move forward, Bob Endries and Dan Ariens donated \$50,000 for the acquisition of the prior grocery store property. This donation was matched by the RDA. McMAHON surveyed the entire site and prepared a Certified Survey Map (CSM) that was necessary for the site to be divided for the planned improvements.

With the initiative of the RDA, and backing by a strong business community, Brillion has been able to cultivate a vision for revitalizing its downtown. McMAHON was able to help with the visualization aspect of the process. In Spring 2017, McMAHON's Geospatial Solutions team utilized drones to acquire survey data in the downtown district. The data was used to generate a point cloud, and subsequently handed to architectural designer Steve Knuth and designer/drafter Greg Kettner who quickly created renderings and a [3D video flythrough](#) using a Revit model. The flythrough was a key component in securing buy-in from all parties for an ultimate downtown improvement plan that included a new City Hall, multi-family housing, outdoor pavilion, green space, and other enhancements. Currently, IPR is requesting bids for construction of the 6,200 square foot City Hall, and other improvements like the housing are anticipated to begin later this year.

A \$250,000 Wisconsin Economic Development Corporation (WEDC) Community Development Investment (CDI) Grant has been awarded for the downtown improvement project. The funds will be used for clearing the existing site and for infrastructure improvements related to the project. The grant application was managed by Mary Kohrell, Community Economic Development Director for Calumet County, with extensive guidance from McMAHON's funding specialists, Tammy Scott and Amy Vaclavik. McMAHON staff also provided technical input for the application including project description, construction schedule and opinion of probable costs. The developer of the proposed apartment buildings that is part of the downtown improvement plan has applied for WHEDA Housing Tax Credits. ▲

McMAHON has provided professional engineering services for the City of Brillion since at least the 1940's and has been the City Engineer exclusively since the mid-1990's. Over this time, a strong relationship was developed, built on dedicated service and trust. Several major successful projects have been completed during this time, including improvements to the City's wastewater treatment and biosolids management facilities, drinking water supply and treatment systems, stormwater detention basins, development and implementation of an Infiltration/Inflow reduction program, and many annual street improvement projects.

Wisconsin Wetland CHANGES

On March 28, Governor Walker signed a new wetland bill into law. The wetland bill modifies how the Wisconsin Department of Natural Resources (DNR) regulates non-federal wetlands. Non-federal or isolated wetlands comprise about 20% of the 5.5 million acres of wetlands located in Wisconsin.

It is business as usual for federally-regulated wetlands. Federally regulated wetlands are jointly permitted by the U.S. Army Corps of Engineers (USACE) and Wisconsin DNR. The federal permit process requires the permit applicant to undertake a Practicable Alternatives Analysis and show that steps have been taken to first avoid wetland impacts and then minimize impacts. Mitigation is only used to compensate for the remaining unavoidable wetland impacts.

Due to the wetland bill, federal jurisdictional determinations are now very important. Jurisdictional determinations are performed by the USACE and take about 60 days to complete. Jurisdictional determinations indicate whether a specific wetland is federally regulated or not. A landowner cannot take advantage of recent changes to Wisconsin's wetland regulations, unless the wetland is first deemed non-federal by the USACE.

Changes to Wisconsin's wetland regulations become effective July 1, 2018. The Wisconsin regulatory changes are summarized as follows:

- For non-federal wetlands, a permit is not required for impacts to an artificial wetland. An artificial wetland is defined as being present due to human modification of the landscape or hydrology, and the Wisconsin DNR does not have definitive evidence that a wetland existed before August 1, 1991.
- For non-federal wetlands, a permit is not required for some wetland impacts of 1 acre or less inside an urban area. Urban area is defined as incorporated cities and villages. The urban area also includes those town areas served by a sewerage system or located within ½ mile of a city or village. Mitigation is required for wetland impacts of more than 10,000 square feet inside an urban area.
- For non-federal wetlands, a permit is not required for some agricultural wetland impacts of 3 acres or less outside an urban area. Mitigation is required for wetland impacts of more than 1.5 acres.
- For non-federal wetlands, a wetland delineation is valid for 15 years. Wisconsin DNR reviews non-federal wetlands using available reports and aerial photographs, not on-site inspections of the land.
- Wisconsin may seek authority from the U.S. Environmental Protection Agency (USEPA) to administer Section 404 of the Clean Water Act, which is currently administered by the USACE.
- Wisconsin may form a 9 member Wetland Study Council to investigate program elements needed if the DNR assumes authority from USEPA to administer Section 404 of the Clean Water Act. Council will also investigate issues related to wetland practicable alternatives analysis, mitigation, using stormwater ponds for wetland mitigation, and other wetland related items. ▲

WisDOT Announces 2017 EXCELLENCE IN CONSTRUCTION AWARDS



The Wisconsin Department of Transportation (WisDOT) announced seven Excellence in Construction Awards for 2017 during the annual Contractor-Engineer Conference held recently in Madison. One of the projects receiving recognition was the WIS 42 / Lincoln Avenue Reconstruction Project in Two Rivers. The Excellence in Concrete Paving Award went to Vinton Construction Company of Manitowoc for the roadway reconstruction from 22nd Street to 35th Place. McMAHON's involvement in the project included being hired by the WisDOT to administer the construction contract, while a separate contract with the City of Two Rivers provided for additional construction-related services for sanitary sewer and water main work.

The city obtained funds to address water utility services, adding to the size and complexity of the project. Vinton and McMAHON worked collaboratively to maximize efficiencies during construction, while delivering a quality project below the initial project bid amount, and completed the project two weeks ahead of schedule.



The McMAHON project team consisted of (L to R) Corey Schuh, Ryan Kubat, Tim Mullen and Joe Koschnik. ▀

STACEY CAPLAN attains Assured Wetland Delineator Status

McMAHON is pleased to announce that Stacey Caplan has been approved by the Wisconsin Department of Natural Resources (WDNR) as an Assured Wetland Delineator. This means that when Caplan prepares a Wetland Delineation Report, she does not need to request WDNR concurrence, which typically requires 3-4 weeks. This will greatly decrease review times for all projects requiring wetland delineations, which will provide a significant benefit to clients from a project planning and schedule standpoint. There are currently fewer than 25 Assured Wetland Delineators in Wisconsin.



The goal of the WDNR's wetland delineation professional assurance initiative is to provide a high level of certainty about wetland boundaries for project planning, and save time in state review of wetland boundaries, while enhancing protection for Wisconsin's wetlands through more accurate wetland boundaries overall. Assurance does not change the need for decisions about wetland fill permits. For professionals attaining this status, their delineation work is assured for purposes of State of Wisconsin permits and State-mandated local programs. Concurrence from WDNR is not needed and wetland delineation issues are unlikely to cause delays in State permit decisions for sites at which these individuals are the lead field delineator and report author.

Caplan is part of the Environment & Infrastructure Division at McMAHON, providing environmental services, as well as working on Geographic Information System (GIS) applications for clients. She has Bachelor of Science Degrees in both Geography and Environmental Science from UW-Oshkosh, and started working at McMAHON immediately after graduating in 2012. Since then, she has taken numerous continuing education classes through UW-LaCrosse, who collaborates with various agencies to provide wetland related workshops, including WDNR, Army Corps of Engineers, USDA Natural Resources Conservation Service, and USGS. Moving forward, as part of the Assurance Initiative, Caplan will continue to take classes to earn Continuing Education Credits.

McMAHON provides a full suite of environmental and ecological services, including consultation, wetland delineation and mapping, wetland mitigation banks, prairie design and construction, long-term native vegetation management, Phase I Environmental Site Assessments, subsurface contamination/remediation and other related services. ▀

VIEW FROM THE CORNER OFFICE

With 2017 now firmly in our rear view mirror, I would like to revisit it briefly as it was the biggest year in the history of McMAHON.

It was a big year for recognition of McMAHON as a serious player both locally and in the three Midwest States that we primarily call home. Receiving the 2017 Company of the Year award from the Fox Cities Chamber of Commerce was a huge development for us. In 2017, McMAHON donated all engineering and architectural services for the \$4 million renovation and expansion of the Harbor House facility in Appleton AND for an \$850,000 expansion and remodel of the LEAVEN Community Resource Center in Menasha. As we entered the first quarter of 2018, we learned that Harbor House and McMAHON have been awarded the Business Partnership Award by the Community Foundation for the Fox Valley Region. It is one of seven awards intended to celebrate volunteerism and honor those who go above and beyond to help make the community a better place with their gifts of time.

Our recent success has been exciting to manage and watch and this has also allowed us to do the things

mentioned above at no cost to the organizations involved. I honestly could not be prouder of our citizens here at McMAHON. They continue to amaze me and all those who come in contact with them. Very proud indeed!

2018 will involve more changes in management structure. The people we have tagged as replacements for senior management are quality folks who will certainly lead McMAHON and our staff to continued success at all levels. They have all been brought up in the "McMAHON Way" of doing business and I'm convinced that this culture of success and "giving back" will continue well into the future.

We are also losing some great folks to retirement. They will be missed for sure. Bob Hall (end of March) and Amy Vaclavik (end of April) are two people who exemplify all that it means to be first class McMAHON types...great people, great citizens and awesome talents that will be hard to replace. We all wish them the very best in their well-deserved retirement years.

DENNY LAMERS

a fond FAREWELL...



At the end of March, we bid farewell to architectural designer/drafter, Bob Hall, as he set off on his retirement. Bob will be missed for his wealth of knowledge and experience, and for the impact he had on the company by leading the McMAHON Walking Group since 2014

(which has now been renamed 'The McMAHON Hall Walkers' in his honor). We know he will remain very active in his retirement, and wish him all the best!

A message from Bob...

"Time sure flies when you're having fun. These past 19 1/2 years at McMAHON have gone by so quickly, it's hard to believe I'm 65 years old already! McMAHON is an absolutely fantastic place to work, and I'm not just saying that. I have nothing to gain. I'm retired!!

Currently, I am building a tiny home in the Waupaca area. That will fill the majority of my time. I am also vice-chair of a non-profit in Waupaca called Hub Ministries Inc. We are hoping to create a tiny home village for area homeless, for foster children graduating out of the system, even portable shelters in the event of local hardships or emergencies...basically, offering hope for the future.

It is sad to be leaving McMAHON. I have so many precious friends there, but my time at McMAHON has equipped me for this new adventure and I can't wait to get started!"

McMAHON is proud to support programs and events that help make our communities a better and more enjoyable place to live. Recent support includes:

- ST. FRANCIS XAVIER CATHOLIC SCHOOL SYSTEMS - CELEBRATE
- LARRY'S MARKETS - PIG-TO-PIG WALK
- RED SMITH BANQUET
- THE NEXT CHAPTER ACTORS
- TOUCH OF SILVER TWIRLING CORP - THE BLUE HOUR PHENOMENON
- MOTHER & UNBORN BABY CARE, INC. - SPRING BANQUET
- VINTAGE IN THE VALLEY
- THE WOODS GOLF CLUB
- BRILLION FIRE DEPARTMENT - BRAT FRY FUNDRAISER EVENT
- WISCONSIN HEALTHCARE ENGINEERING ASSOCIATION
- SPECIAL OLYMPICS-WI - POLAR PLUNGE
- FRIENDS OF ENDRIES PERFORMING ARTS CENTER
- HARBOR HOUSE - HER STORY LUNCHEON
- CHILDREN'S HOSPITAL OF WISCONSIN - LIGHT DISPLAY AND GOLF OUTING
- GREEN BAY DUCK HUNTERS ASSN.
- FOX CROSSING - K9 UNIT
- NEENAH BASEBALL - TEAM SPONSOR
- CELEBRATION LUTHERAN SCHOOL - CELEBRATE GALA
- NEW LONDON FIRST STATE BANK - STURGEON SHUFFLE 10K/5K
- SHERWOOD - 50TH ANNIVERSARY
- BRILLION - ADOPT A FLOWER BASKET
- NORTHEAST YOUTH LIVESTOCK SHOW
- MENASHA TWINS BASEBALL
- KIMBERLY PAPERFEST
- FVTC FOUNDATION GOLF OUTING
- FREMONT TRIATHLON
- BADGER SPORTS PARK - GO KART SPONSOR
- LAWRENCE UNIVERSITY

COMMUNITY CONNECTION



Gulfstream



FEATURED MCMAHON CLIENT: GULFSTREAM

Gulfstream engineers, manufactures and services the world's finest business aircraft. Headquartered in Savannah, Georgia, USA, Gulfstream operates facilities on four continents and employs more than 15,000 people worldwide.

Gulfstream designs and develops aircraft at its Savannah Research and Development Center. The five-building campus houses engineers and support staff integral to the engineering, manufacturing, testing and development of past, current and future Gulfstream aircraft. Midcabin aircraft is completed at a facility in Dallas, Texas. Wiring harnesses, sheet metal components, subassemblies and machined parts are produced at a Gulfstream facility in Mexicali, Mexico.

Gulfstream offers a wide array of cabin configurations. The company outfits cabins, paints the exteriors and installs avionics

equipment upgrades at five Completion Centers, with one located in Appleton, Wisconsin.

In mid-February, Gulfstream announced the building of a new \$40 million service center at Appleton International Airport.

McMAHON is proud to be part of the Project Team of Boldt, Omni Associates, and key subcontractors including USA Fire Protection and Northland Electrical Services that will design and build the 180,000-square-foot facility that will complement the company's existing operations at the airport and create about 200 jobs.

Gulfstream currently employs 820 people locally at its cabin-completions facility and service center. The new service center will include a hangar, offices, design center, customer center, back shops and support space. ▲

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WE ARE
HIRING!

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