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## Two Rivers Project Honored with NATIONAL AWARD

McMAHON was thrilled to jointly accept a National "Excellence in Concrete Pavements" Award from the American Concrete Pavement Association (ACPA) recently. The American Concrete Pavement Association (ACPA) named recipients of its 29th Annual "Excellence in Concrete Pavements" awards, which recognize quality concrete pavements constructed in the United States and Canada. The awards program encourages high-quality workmanship, quality, and creativity in concrete pavement projects.

The reconstruction of STH 42 (Lincoln Avenue) in Two Rivers, Wisconsin received the Gold Award in the Category of Municipal Streets and Intersections (<30,000 SY). The award ceremony was held on November 29, 2018 at the 55th Annual Meeting of the ACPA in Fort Lauderdale, FL. "This was a very complex paving project with great impacts to the City of Two Rivers because Lincoln Avenue is the north Gateway to the City. The Vinton Construction Company, McMahan Associates, Inc. (McMAHON), the City of Two Rivers and the Wisconsin Department of Transportation's Northeast Region should all be congratulated for delivering this project on time and with excellent quality construction", said Kevin McMullen, President of the Wisconsin Concrete Pavement Association.



Members of the McMAHON & Vinton Construction Company Project Team accepting the award on behalf of the Wisconsin Department of Transportation and the City of Two Rivers

### NEW HIRES



#### ARCHITECTURE

**DON HIEMPAS**  
K12 ADMINISTRATION  
SPECIALIST



#### ENVIRONMENT and INFRASTRUCTURE

**KYLE BESAW, EIT**  
MUNICIPAL & CIVIL  
DESIGN ENGINEER



**DAVID JOHNSON**  
LAND SURVEY TECHNICIAN



#### SYSTEMS and BUILDING ENGINEERING

**JILL FITZSIMONS, PE**  
ELECTRICAL ENGINEER

The reconstruction project included a complete replacement of all facets of the transportation system. The first set of operations included replacement of all sanitary sewer, storm sewer, and water main facilities, including lateral and service facilities. Private sewer laterals and water services that were found to be defective were replaced from the right-of-way into residential and commercial buildings during construction.

Bike paths and alternating side parking presented challenges throughout the entire project. New sidewalks were constructed throughout the project to enhance the connectivity of the corridor. An off-road multi-use trail was constructed on the north end, and as part of a separate project, was extended toward Two Rivers High School in 2018. Aesthetic enhancements included LED street lighting, colored concrete crosswalks, and more than 100 trees planted within the right of way. Restoration, including sod in the terrace areas, rounded out the project providing an immediate finished look.

McMAHON's involvement in the project included being hired by the DOT 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 included Corey Schuh, Ryan Kubat, and Tim Mullen. Congratulations to the entire project team, contractors and owners on a project that all can be proud of! ▲

ACPA "Excellence in Concrete Pavement" Gold Award:  
STH 42, Lincoln Avenue, City of Two Rivers (Manitowoc County), WI

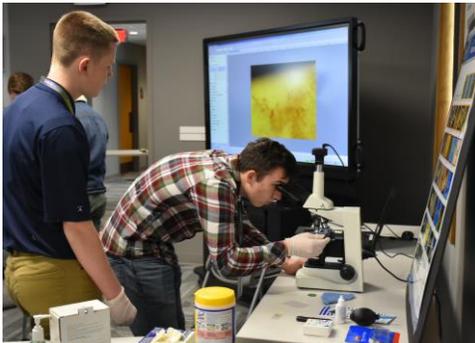
Engineer: McMahan Associates, Inc.  
Contractor: Vinton Construction Company  
Owners: Wisconsin Department of Transportation; City of Two Rivers, WI

# LAUNCH HOUR Event for Local Students SHEDS LIGHT on A/E Careers

On February 6<sup>th</sup>, around 65 high school students from Appleton visited our Neenah office for the day to explore career opportunities in engineering, architecture and design. The event was organized by McMAHON staff to align with the Appleton Area School District's (AASD) 'Classroom to Career' initiative, which is a strategy to strengthen opportunities for students to connect with local businesses to raise student awareness and prepare them for their future employment.

A few years ago, the AASD announced a new Career Based Learning initiative for all Juniors and Seniors in the Appleton Area School District called LAUNCH. 'Launch Hour' events allow students to visit 1-3 local companies and take a deeper dive into careers connected to their identified career cluster(s). Launch Hour events are designed to be experiential with a focus on real people at real companies talking about their career paths.

More than thirty McMAHON employees helped plan and execute our Launch Hour event, which included presentations about actual projects as well as hands-on demonstrations for the students. In the morning, all students and chaperones gathered in our Team Room for a welcome and introduction, with a focus on how engineering, architecture and design impact our lives every day. Next, the students were divided into three groups and rotated through three morning sessions which exposed them to actual projects that McMAHON had undertaken, including a healthcare project, a wastewater treatment facility project, and a civil / site design project. The civil / site design presentation was further broken down into smaller groups to discuss site development, environmental services, geographic information systems (GIS) and land surveying.



Lunch was provided, and the three groups then participated in hands-on demonstrations in the afternoon. One of the demonstrations allowed the students to use microscopes to view and evaluate mixed liquor (wastewater) samples from a local paper mill. Another demonstration took place in McMAHON's new Virtual Reality Lab, and gave several students the opportunity to utilize VR technology to 'walk through' a building model that had been created for a local healthcare facility. The final set of hands-on activities were related to water resources engineering and included a storm flow model and even a game of 'Plinko' to demonstrate various ways to protect our water resources through effective stormwater management.

The career day concluded with all of the students once again gathered in our Team Room for a brief discussion about future need, education paths, and overall career outlook in various engineering fields, architecture, and other careers represented here at McMAHON.

Hosting our first Launch Hour event for the AASD was just one element of McMAHON's continued business partnership with the District, as well as our desire to offer similar career day events to additional school districts in our region, with a goal of promoting careers in engineering, architecture, and related STEM fields. Our hope is that we can inspire kids in our area to pursue these fields, and maybe even consider returning to the area after college to work at McMAHON! ▴

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

- ALTRUSA INTERNATIONAL FOUNDAT'N OF APPLETON MENTAL HEALTH AWARENESS LUNCHEON
- APPLETON EDUCATION FOUNDATION KNOWLEDGE OPEN
- BIG IMPACT - CROSSFIT FOX VALLEY
- BRILLION FIRE DEPARTMENT - BRAT FRY
- BRILLION OPTIMIST CLUB - 2019 ELECTRIC PARADE
- CASA OF THE FOX CITIES
- CHILDREN'S HOSPITAL - CELEBRITY GOLF OUTING
- CHILDREN'S HOSPITAL - LIGHT DISPLAY
- FEEDING AMERICA
- FOX-WOLF WATERSHED ALLIANCE - CLEANUP 2019
- FREEDOM CENTER FOOD PANTRY
- FRIENDS OF ENDRIES PERFORMING ARTS CENTER
- FUTURE NEENAH
- H.O.O.A.H., INC. - VETERANS SUICIDE AWARENESS
- HARBOR HOUSE - "GIVING TUESDAY" CAMPAIGN
- HARBOR HOUSE - HER STORY
- ISPE ROCKFORD CHAPTER - MATHCOUNTS
- LEAVEN
- MAKE-A-WISH WISCONSIN - PIG TO PIG WALK
- MENASHA TWINS - LEGION BASEBALL
- MOTHER & UNBORN BABY CARE, INC.
- NEW NORTH, INC. - SUMMIT 2018
- ST. NICHOLAS MIDDLE SCHOOL - ROBOTICS TEAM
- SALVATION ARMY

## COMMUNITY CONNECTION



- SEYMOUR AREA SCHOOL DISTRICT - TEEN SERVE
- SPECIAL OLYMPICS OF WI - POLAR PLUNGE
- ST. MARY CATHOLIC SCHOOLS - ANN'L FUND DRIVE
- VILLAGE OF FOX CROSSING - SUMMER ENTERTAINMENT
- WISCONSIN HEALTHCARE ENGINEERING ASSOCIATION
- WOW-WE CARE CHARITY - SHOOTERS CUP
- XAVIER CATHOLIC SCHOOLS - CELEBRATE EVENT
- YOUTHGO - MIDWEST SPLASH MUSIC FESTIVAL

# A MESSAGE From Our President

Hopefully by the time you receive this newsletter, the frozen tundra has begun to thaw and this never-ending winter is starting to move into spring!

As mentioned in this newsletter, two projects that McMAHON was associated with were recently the recipient of major awards. The first was an American Concrete Pavement Association "Excellence in Concrete Pavements" Gold Award for the STH 42 (Lincoln Avenue) in Two Rivers, Wisconsin. Secondly, the Ajinomoto Foods of North America, Inc. facility in Joplin, Missouri was honored with an Associated Builders and Contractors (ABC) of Wisconsin "Gold Project of Distinction" Award (we partnered with Consolidated Construction Company on that project). These awards are certainly a testament to the talented employees we have at McMAHON, who are committed to making every project as successful as possible for our clients.

As nice as it is to be recognized with these awards, we continue to strive to improve as an E/A firm. We began the year with a company meeting at which we discussed initiatives to enhance our production teams, refine our project management skills, and develop a company culture of learning and constant improvement.

We provide engineering and architectural services for many projects in northeastern Wisconsin and we fully understand that the work we do has a lasting impact on our communities and clients. The better we can be as professionals in our respective fields, the more we can help build a better future for our clients and communities.

At McMAHON we are really proud of our profession and therefore, last year we began an initiative to promote STEM (Science, Technology, Engineering and Math) careers in our region. As part of that initiative, we have developed a business partnership with the Appleton Area School District and recently hosted 65 Appleton area high school students for an engineering & architecture career day at our office. We felt that the event was a huge success! The students were very engaged and we think the future of our profession is very promising based upon the pool of bright young adults we met that day. Hopefully, we even convinced a few of them to pursue an education and career in engineering, architecture, or one of the other fields represented here at McMAHON. ▴



PAUL BENEDICT

## McMAHON Partners with Consolidated Construction on Award-Winning Project

Associated Builders and Contractors (ABC) of Wisconsin recently honored Consolidated Construction Company, Inc. with a 'Gold Project of Distinction' Excellence in Construction Awards for the Ajinomoto Foods North America, Inc. Facility in Joplin, Missouri. McMAHON is proud to have partnered with Consolidated Construction on the design of both the main building (152,240 square feet) and the wastewater treatment facility. We provided architectural and structural design services for the main building. For the wastewater treatment facility, McMAHON assisted with architectural, structural, electrical systems and instrumentation, HVAC, plumbing, and wastewater piping design elements of the project. Additionally, design/build services were provided by McMahan, Inc., related to the wastewater treatment process equipment and start-up.



Photo Credit: Consolidated Construction & AV8 Droneworks

The fast-track design/build project was engineered, permitted, and completed on-budget in just twelve months. Ajinomoto Foods is a leading manufacturer in the frozen food industry, dedicated to contributing to a healthier lifestyle through nutritious and balanced foods. Ajinomoto currently operates eight factories and two main offices domestically in the United States, with over 2,500 employees.

Congratulations to Consolidated Construction Company, Inc. for receiving this honor from Associated Builders and Contractors of Wisconsin, and to the entire project team!



## FEATURED McMAHON CLIENT: City of TWO RIVERS

The City of Two Rivers is located in Manitowoc County along the shore of Lake Michigan which touches some five miles of the community's southern and eastern sides. On the north side of the City is Point Beach State Park, and the western border is dominated by the Woodland Dunes nature preserve. The East Twin and West Twin rivers meander through the city - providing miles of recreation and scenic vistas. Neshotah Beach, a popular gathering place with more than 2,000 feet of groomed white sand beach, is home to one of the largest kite festivals in the Midwest, the annual Kites Over Lake Michigan event.

Two Rivers also stands at the junction of two of the state's most scenic bicycle trails (Mariners Trail and Rawley Point Trail), as well as two trails that connect historic downtown with the high school. The City boasts marinas that dock numerous boats and a thriving sport fishing community. Each year, charter boats bring in trophy catches of brown and rainbow trout, Coho salmon, and the ultimate prize, Chinook salmon.

The historic Washington House marks the City's official status as the "Birthplace of the Ice Cream Sundae". An antique soda fountain there lets you order up a sundae and remember how it used to be. Today, Two Rivers is known for its thriving commercial fishing industry and strong manufacturing base. Point Beach State Park draws thousands of visitors each year for camping, bicycling and hiking along Lake Michigan.

McMAHON has provided professional engineering services for the City of Two Rivers, including the WIS 42 / Lincoln Avenue Reconstruction Project highlighted in this edition of *The McMAHON Way Newsletter*. We have also worked as an extension of the City's staff and are proud of our role as a trusted partner on many other projects related to the City's drinking water plant, water distribution system, stormwater system, and sanitary sewer system. Other services have included transportation engineering, environmental and ecological services, wetland delineations, surveying, GIS, electrical and plumbing design, structural engineering, and architecture. ▲

### CONTACT US!

NEENAH, WI  
920.751.4200

MACHESNEY PARK, IL  
815.636.9590

VALPARAISO, IN  
219.462.7743

[MCMGRP.COM](http://MCMGRP.COM)

WE ARE  
HIRING!

CHECK OUR  
CAREERS PAGE



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## McMAHON

ENGINEERS ARCHITECTS

McMahon Associates, Inc.  
1445 McMahon Drive  
Neenah WI 54956  
Mailing: P.O. Box 1025  
Neenah WI 54957-1025  
920.751.4200 ph  
920.751.4284 fax  
[www.mcmgrp.com](http://www.mcmgrp.com)

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