





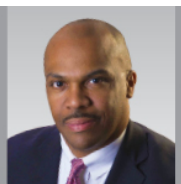

FIRM UPDATE

Infrastructure Engineering Inc. Announces Executive Advisory Board

Infrastructure Engineering Inc. continues to expand and evolve in new and innovating ways of doing business. Michael Sutton recognizes that it takes creativity, strategy and vision to sustain and grow business to new heights. To assist in accelerating its vision to build an even stronger organization to serve our clients, IEI introduces its new Executive Advisory Board (EAB).

On November 13, 2017 the firm announced the formation of forward-thinking experts who will help to shape the future direction of the firm. The Executive Advisory Board is comprised of nine nationally and internationally recognized leaders across the fields of finance, operations, governance, business development and planning. Scheduled to meet every quarter, the Advisory Board will help the firm address challenges in business and institutionalize best practices.

The Executive Advisory Board members are listed below in alphabetical order.

								
VERA ANDERSON Executive Advisor/ Growth Consultant Global Elements Consulting	DAVID BUNGE, CPA Certified Public Accountant	KASHIF KHAN, PE Executive Vice President IEI	MICHAEL ROSE Managing Director Raymond James Financial, Inc.	ROBERT STEVENS, PHD, PE, PRES.15. ASCE Executive Vice President Arcadis	MICHAEL SUTTON, PE President IEI	ANDRE WALLACE Vice President, Office of the CIO Exelon Corp.	LLOYD WILLIAMS President The Greater Harlem Chamber of Commerce	MARVIN WILSON, CMC President Performance Spectrums

IN THE NEWS

IEI Brings On New Talent

Maike Rodriguez, KimberLee Peters and Bob Julich bring fresh and diverse experience to the New York, Indianapolis and Peoria offices.



Maike Rodriguez, PE will lead the New York office as Operations Manager. With more than 14 years of transportation experience; licensed in both the New York and New Jersey markets. Maike has worked on some of the largest projects in the country, projects in the the New York Metropolitan Area including the World Trade Center Tower Redevelopment, Goethals Bridge Reconstruction (P3), The Bayonne Bridge Reconstruction and the \$4.9 billion Atlantic Yards/Pacific Park Reconstruction Project. His experience and collaborative style in leading projects from the planning stage through design and construction will benefit both our partners and clients.



KimberLee Peters, PE, will be leading the Indianapolis Office Design Group and will be a liaison to the Indiana Department of Transportation (INDOT). KimberLee brings more than 20 years of transportation experience in Indiana and holds a professional engineering license in Indiana and Ohio. In her prior role as Project Manager, KimberLee delivered various projects, large and small, for the State of Indiana and its Local Public Agency (LPA) partners. She has expert experience engineering complex interchanges for the State of Indiana and is a master of the Project Delivery Process (PDP).



Bob Julich, PE is a Project Manager in the Peoria Office with more than 24 years of experience in Civil Engineering licensed as a Professional Engineer in Illinois, Missouri and Kansas. He possesses a broad range of planning, design and construction experience on transportation projects from both the private and public sectors. His most recent experience includes Phase I and II design projects for the Illinois Department of Transportation (IDOT), along with county and municipal projects in Central Illinois. Prior to moving to the Peoria area in 2012, Bob served as a Civil Engineer with the Johnson County Kansas Public Works Department where he managed and successfully completed numerous county roadway and drainage improvement projects.

FIRM UPDATE

IEI's CEO Experiences Japan's High Speed Rail
A High-Hurdle for the U.S.



Michael Sutton, President of Infrastructure Engineering Inc. recently traveled to Japan with the Midwest High Speed Rail (MHSR) Association to experience the country’s passenger rail network known as the Shinkansen, Japan’s world-class high-speed railway (HSR) system. For Michael, learning about and experiencing high-speed railway proved to be quite an adventure, he was impressed as he watched an express Shinkansen, otherwise known as the bullet train, pass through the rail station with ease at more than 150 mph.

High speed rail trains are ones that travel up to 177 mph and Japan is one of several countries that have developed this system. “High speed rail really works well in Japan because they have 127 million people in an area the size of California” Michael stated. Compared to the United States, Japan’s population centers are much nearer to one another and its residents rely on the rail network to travel between centers. Their on-time performance and safety record is extraordinary; in fact, the total average delay for the year is measured in seconds and they have had zero passenger fatalities in the past 50 years. This is accomplished in a couple of ways; various levels of comprehensive inspections, complete train car overhauls every 18 months, and secure, protected tracks.

High Speed Rail requires limited access to the tracks so retaining walls and other protective structures are built to secure the route. In Japan, Michael saw no railroad crossings; just game-changing speeds from station to station. “To replicate a similar situation would be a tremendous infrastructure investment in the US”, he further explained. The high-speed train and track upgrades discussed and in limited use in the US today require improvement to our current system that may accelerate the connection between many of our great cities. At the heart of the question is “Can High Speed rail be profitable in a US model?” Furthermore, can certain densely populated corridors build and sustain a successful model? High speed rail is a part of the national dialogue and is a good reminder of the work we have ahead of us.

PROJECT RECOGNITION

IEI Achieves Diamond Award Honor in New York

IEI achieved national recognition in Illinois and New York by The American Council of Engineering Companies (ACEC) for its work on Maggie Daley Park as one of the most innovative and complex engineering projects completed in Illinois. In addition, IEI won the Stellar and Premier Awards by the National Organization of Minority Engineers (NOME). As part of the design team, Infrastructure Engineering Inc. provided civil and structural engineering services for the park. The project received the highest level recognition, The Honor Award, in the State of Illinois and was presented at this year's Engineering Excellence Award banquet.

ACEC New York presented IEI with the national, Diamond Award. Both competitions recognize projects from across the country for unique and innovative techniques, future value to the engineering profession and successful fulfillment of the client/owner’s needs.

This project is a hallmark for social, economic and sustainable development. It has enhanced and re-purposed an already vibrant character of vast public space consisting of adjoining Millennium Park, Daley Bicentennial Plaza, the Cancer Survivors Garden, and Peanut Park. The addition of active space with playground equipment and climbing walls adds diversity to an already soothing greenspace campus where not only passive but active users of all ages, particularly younger visitors, can start developing the precious bond between both urban and park spaces.



EMPLOYEE SPOTLIGHT

Alex Kline, Civil Engineer

One of Infrastructure’s own, Alex Kline, earned the distinguishing honor of becoming ACEC’s Young Engineer of the Year (2016) for his accomplished work as ACEC’s Transportation Funding Chair in Indiana. A graduate of Rose-Hulman and a Design Engineer with IEI, Kline was involved in the “Fix My Roads Indiana” program, where he led a grassroots level effort to educate the public on transportation funding, gas tax and policy. The initiative utilized social media platforms and a website dedicated to this program to share information and press towards the goal to advocate for funding for Indiana transportation.



Consequently, the Indiana House Bill 1002 was passed in 2016 because of this effort. Congratulations Alex for being part of making this notable accomplishment for the State of Indiana and the American Council of Engineering Companies.

COMMUNITY OUTREACH

IEI Donates Bikes for the Brooklyn greenway Initiative



The site, which had been closed to the Public since the 1920s, reopened after the relocation of any remains and successful redevelopment into a publicly-accessible green space. The area—now known as the Naval Cemetery Landscape—will also serve as a way to revitalize the native plant and pollinator (i.e., honey bees, butterflies and certain birds) populations in the region. This goal was built into the design of the landscape which includes raised walkways. The Naval Cemetery Landscape now stands as an example of one of the many redevelopment projects BGI has committed to throughout the years—one of which, IEI was selected to take part in. Sharing BGI’s devotion to the betterment of the community and the drive to provide quality work and design, IEI happily stands with the organization in what it has done and continues to do for its neighborhoods.

New York City is one of several City’s creating more sustainable environments in an effort to go green. With this vision in mind, the Brooklyn Greenway Initiative (BGI), a non-profit organization, developed a 26-mile bike trail along the waterfront that will connect neighborhood parks and open spaces from Greenpoint to Bay Ridge. One of the spaces was a transformation from Brooklyn’s Naval Cemetery into a natural green landscape set on the edge of the Brooklyn Navy Yard.

BGI worked with Infrastructure Engineering Inc. (IEI) and the Williamsburg High School of Art and Technology for students to enter a competition to paint their vision of the space. Winners of the competition received bicycles donated by IEI.



COMMUNITY OUTREACH HIGHLIGHT

IEI Giving Back to the Community



In conjunction with the Greater Peoria Works' Work Experience Program, Peoria office Intern, Victor Solomon describes his Internship experience with IEI: Greater Peoria EDC.

Infrastructure Engineering Inc. (IEI) takes pride in initiating many charitable contributions and community support programs. Each year IEI gives back to a variety of philanthropic organizations that support economically and socially challenged communities. For the past several years, IEI has employed high school and college interns throughout the summer months to encourage students to pursue a technical career in Engineering. This year our group of interns includes (Counter clockwise from left to right) Jennifer Garcia, a pre-engineering student from North Grand High School, Keanu Rodriguez, a Civil Engineering student from Southern Illinois University-Edwardsville, Taliyah Wright and Kam Williams, both rising Seniors from Gary Comer College Prep, Isaac Acosta a pre-engineering student from Alcott High School and Vic Solomon, a rising freshman at North Carolina A&T State University pursuing Civil Engineering (pictured right, during a project field visit).



During their time with IEI each of the students gained technical knowledge as well as hands-on experience working on various projects. The opportunity gave them a chance to view transportation and infrastructure from an engineer's perspective and learn about other departments that support the business, from calculating the different slopes of street ramps to learning about marketing and business development to win projects and finance and how to manage project budgets. The internship exposed them to many different areas of engineering, getting guidance from more senior engineers about college, the workforce and courses to look for to help build toward their future careers. In the end, the students stated that the experience was both fun and educational, exceeding all of their expectations. other departments that support the business, from calculating the different slopes of street ramps to learning about marketing and business development to win projects and finance and how to manage project budgets. The internship exposed them to many different areas of engineering, getting guidance from more senior engineers about college, the workforce and courses to look for to help build toward their future careers. In the end, the students stated that the experience was both fun and educational, exceeding all of their expectations.

VOLUNTEERISM

IEI Employees Help Create Legacy In The Community

Passionate about impacting our communities, Infrastructure Engineering Inc. participated in two important community projects this summer; Habitat for Humanity and Project Exploration's 2017 initiative.

Project Exploration works to improve STEM education (Science, Technology, Engineering and Math) in Chicago's underfunded urban schools. IEI engineers Munah Gwyan and Ayanna Hardy-Fuller spent time this summer exploring science and technology with students and families in the Chicagoland area.



STEM Project
Ayanna Hardy-Fuller working through a project with students

Munah Gwyan volunteered with Carter G. Woodson Elementary School, Orozco Community Academy and Ariel Community Academy for Project Exploration. Both Gwyan and Hardy-Fuller spent the day teaching 5th and 6th graders civil and structural engineering concepts where the students discovered many engineering concepts, including how bridges and roadways are designed, the different views of drawings, and the importance of pavement markings and guardrails on the roadway. The day-long project concluded with the students utilizing this knowledge to design their own bridge with cardboard material.

IEI also helped sponsor a construction build day with Habitat for Humanity, an international organization that helps to build or improve housing for displaced families. From 8 am to 4 pm, five of IEI's staff members partnered with the Chicago Chapter of Habitat to build a row of 16 homes in Chicago's West Pullman neighborhood.



Habitat for Humanity - West Pullman Neighborhood Project
IEI staff from left to Right: Russell Robinson, Alex Lewis, Jeff Koscielniak, Toni Coates, Munah Gwyan and Fatimah Ayyeh

Thank you for celebrating the year with us!
Happy Holidays!