

Outstanding Civil Engineering Achievement Award Winners

CSO LTCP Phase 2 Improvements

The Fox Metro Water Reclamation District's mission is to protect and preserve the water environment. With that in mind, the District and Deuchler Engineering collaborated in developing a Combined Sewer Overflow (CSO) Long Term Control Plan (LTCP) to replace aging infrastructure, reduce combined sewer overflows, meet phosphorus removal requirements, and provide capacity for an increasing population. Phase 2 was the cornerstone of the multi-phase plan and included 3 contracts totaling \$98.5M. Improvements consisted of a junction box with automated gates on an existing 54" interceptor; a 36" gravity sewer across the Fox River; a new 6 MGD treatment facility including headworks, primary and secondary clarifiers, pump station, biological nutrient removal process capable of operating in 5 different flow schemes, and thickening building; and modifications to existing processes to achieve phosphorus removal. Phase 2 increased full treatment capacity to 97 MGD and total peak wet weather treatment capacity to 151 MGD. Construction was completed 6 months in advance of permit requirements.

Presently, the District is achieving the more stringent 2030 permit compliance limits without using additional chemical while also achieving an overall energy intensity reduction of nearly 40%. The engineering team was comprised of Deuchler Engineering, IMEG, Testing Service Corporation, and Terracon.



Lake Street Corridor Improvement – Utility, Streetscape, and Resurfacing



The Village of Oak Park will finally deliver a “Better Lake Street” by Thanksgiving 2020 after 8 long years of hard work. What started as a 5-block streetscape project inflated into a 1.5-mile corridor improvement across the entire Village. The center piece is the intricate streetscape project in the downtown area. But, the added complexity of (1) a major utility project and a resurfacing project along the same corridor under construction at the same time and (2) COVID-19 make this a “career project” and one that the Village and everyone involved are very proud of.

Redmond Reservoir Expansion

Completed in 2019, DuPage County Stormwater Management and the Village of Bensenville constructed the Redmond Reservoir Expansion Project to provide significant flooding relief to a large portion of the Village. This project expanded the existing 700 acre-foot reservoir by an additional 20 acre-feet, or 6.5 million gallons, and provided mechanical and electrical upgrades to the existing pump station. This project also enhanced recreational use of the reservoir by improving the walking path around it, as well as incorporating habitat enhancement and water quality features, such as shoreline stabilization and natural vegetation. The U.S. Department of Housing and Urban Development provided grant funding for the \$2.75 million project, which exemplifies intergovernmental cooperation.



**Government Civil
Engineer of the Year
Anthony J. Quigley**



The recipient of the 2020 Government Civil Engineer of the Year Award winner is Anthony (Tony) Quigley. Mr. Quigley is the Illinois Department of Transportation, Region 1 Engineer. Tony earned an Associate's degree at Joliet Junior College and BS in Civil Engineering from the University of Illinois Urbana-Champaign. Tony spent over 28 years working in Region 1 (Schaumburg) and the other two years in Region 2, District 3 (Ottawa) with the Department.

The recipient of the 2020 Civil Engineer of the Year Award is Allen Staron. Mr. Staron is a Senior Vice President for Clark Dietz, Inc., a Midwest consulting engineering firm. Allen earned a BS in Civil Engineering from the University of Illinois at Urbana-Champaign and a Master of Business Administration degree from DePaul University. His consulting engineering career has been focused principally on the planning, design, and construction of highway, transit, and aviation improvements. He is a Life Member of ASCE and has served as Region 3 Governor and Illinois Section President.



**Civil Engineer
of the Year
Allen J. Staron**

**Employer of the Year
Michael Baker International, Inc.**



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Sustainability in Civil Engineering Achievement Award

Riverview Bridge

The Riverview Bridge is a 1,000-foot-long pedestrian bridge connecting Chicago's Clark Park to California Park in the neighborhoods of North Center and Irving Park. It is a critical piece in the 312 RiverRun system and in Chicago's bold plan for a continuous, City-wide riverfront trail.



**Citizen Engineer
of the Year
P. Kay Whitlock**



Citizen Engineer of the Year, Kay Whitlock with Christopher B. Burke Engineering, has lived her life with passion, dedication, energy and with a smile on her face. She has loved every minute of a decades-long career in the world's best profession. She doesn't stop there, Kay works to build diversity in engineering and she's fully confident that she'll end homelessness in her lifetime.

**Young Civil Engineer
of the Year
Muhammad Ali**



Muhammad Ali, P.E., is a Project Engineer at EXP with over 12 years of professional experience in the transportation industry. Ali is highly respected by peers and industry members for his technical guidance and involvement in the planning, design and construction of complex transportation projects for clients around the globe.

**Young Government Civil
Engineer of the Year
Kyle Johnson**



Kyle Johnson started as a Resident Engineer for Ciorba Group after graduating from Bradley University, where he developed a desire to work for a local government. He's been at the Village of Buffalo Grove since 2014, moving up the ranks while helping to support the overall endeavors of the community. Kyle continues to tie proven engineering practices to ever changing products, communications, Village needs and everything in between.

**Construction Engineering
Person of the Year
Jared Hamilton**



Jared Hamilton has worked for over 20 years in the construction engineering industry and has served in both the public and private sectors during that time. During his career, Jared has had the opportunity to work on several important projects including the Dan Ryan Reconstruction, the North Tri-State Tollway Reconstruction and the Morton Grove – Niles Water Commission Construction Project. Jared has demonstrated intelligence, integrity, dedication and professionalism throughout his career which is why he is now accepting the award for Construction Engineering Person of the Year.