

## EDUCATION

Iowa State University

- Master of Science, Material Science Engineering, 1990
- Bachelor of Science, Ceramic Engineering, 1990

## PRACTICE AREAS

- Mass Concrete
- Thermal Modeling
- Crack Minimization and Prevention
- Materials Evaluation
- Thermal Properties of Concrete
- Service Life
- Forensic Investigation
- Construction Troubleshooting
- Litigation Support

## REGISTRATIONS

Professional Engineer

- Alberta, Arkansas, British Columbia, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Illinois, Iowa, Kentucky, Manitoba, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nevada, New York, North Carolina, North Dakota, Ohio, Ontario, Oregon, Pennsylvania, Rhode Island, Texas, Virginia, Washington, and West Virginia

Energy Professional

- Chicago, IL

## HONORS AND AWARDS

Fellow of the American Concrete Institute (ACI)

Named as "our country's mass concrete expert" and honored as one of five who "significantly influenced the concrete industry in 2008" by Concrete Construction.

## EXPERIENCE

John Gajda and two long-time colleagues left CTLGroup to start MJ2 Consulting, PLLC in October of 2017. Prior to this time, John worked for CTLGroup for more than 25 years, where he held various responsibilities and titles from Assistant Engineer through Senior Principal Engineer. Mr. Gajda was also Vice President of CTLPC (a CTLGroup company) and managing engineer for CTLGroup in numerous jurisdictions.

Mr. Gajda has worked with contractors, owners, engineers and others on mass concrete issues on more than 900 projects and thousands of concrete placements throughout the world. He works with clients to reduce the cost of construction, improve concrete mixtures, understand and work within project specifications or change specifications, and develop project-specific thermal control plans and crack management plans, based on site conditions and specialized modeling.

Mr. Gajda routinely gives presentations to various audiences and publishes articles regarding mass concrete and related topics. He has authored over 70 publications, articles, and research reports.

Mr. Gajda is the former chair of ACI 207 "*Mass and Thermally Controlled Concrete*", is a long-time voting member of ACI 301 "*Specifications for Structural Concrete*", and is the former and current chair of the ACI 301 subcommittee responsible for specification requirements for mass concrete. On these committees, he is leading efforts to modernize mass concrete specifications for infrastructure, and define minimum standards for mass concrete construction.

## REPRESENTATIVE PROJECTS

Bridges

- TappanZee Bridge, I287, NY
- Goethals Bridge, I278, NY
- San Francisco-Oakland Bay Bridge, I80, CA
- Port Mann Bridge, Vancouver, BC
- Galena Creek Bridge, I580, Reno, NV
- Woodrow Wilson Bridge, I95, Washington DC

Tunnels

- Boston Big Dig, I90/93, MA
- East End Tunnel, Louisville, KY

Hydropower and Dams

- Holtwood Hydrostation, PA
- Wanapum Dam, WA
- Keeyask Hydrostation, MB

Tall Buildings

- Wilshire Grand Hotel, Los Angeles, CA
- Salesforce Tower, San Francisco, CA
- World Trade Center, New York City, NY

Facilities

- GIWW Pump Station and Gate Structure, LA
- Hibernia Drilling Platform, North Atlantic Ocean
- Jamarat Bridge, Mecca, Saudi Arabia

Wall Crack Minimization

- SR520 Floating Bridge, Seattle, WA
- Midtown Tunnel, Norfolk, VA
- Ruskin Dam, Vancouver, BC

Proton Therapy and LINACs

- Emory Proton Therapy Center, Atlanta, GA
- New York Proton Center, New York City, NY
- Oklahoma University Cancer Institute LINAC, OK City, OK
- Crozer Care Center LINAC, Broomall, PA