

AUTH CONSULTING & ASSOCIATES NEWSLETTER

PLANNING | BUILDING DESIGN | ENGINEERING | SURVEYING



SPRING HAS SPRUNG!

The grass is finally showing here at Auth Consulting & Associates, and we are so excited for everything we have planned for 2021! Our engineers are busy with many projects, both close to home and across the country, and are working diligently to execute the full range of services we here at AC/a offer to our clients.

Auth Consulting & Associates is a multi-discipline engineering firm providing planning, design, engineering, and surveying services. We have a portfolio of expertise, including Agricultural, Civil, Electrical, Industrial and Infrastructural, Mechanical, Structural, HVAC, and Plumbing Engineering. Read on to learn more about a couple of projects that have been keeping us busy this winter!

PRESIDENT'S CORNER

*A note from Tim Auth,
President of AC/a*

We're back with our quarterly newsletter! Be sure to subscribe for exciting news and updates, and to participate in fun activities and giveaways throughout the year.

We look forward to connecting with you!

PROJECT HIGHLIGHTS

NSG Glass North America - Luckey, Ohio

Aerial survey photo of this project is located on the first page

AC/a has completed many projects within the glass industry, and our latest, alongside Toledo Engineering Co., Inc. (TECO) based out of Toledo, OH and Span Construction and Engineering, Inc. based out of Madera, CA, is a new float glass factory for NSG Glass North America. NSG produces flat glass specially coated for solar panels. Once completed, this factory will employ nearly 150 people and will be producing 600 tons of glass per day.

This \$225 million project began in April 2019 and is on track for completion by the middle of this year. Resting on a 131-acre site, this 535,000 square foot building is 1,700 feet long with the basement 35' below grade. In order to construct this factory, nearly 500,000 yards of dirt needed to be moved, and 38,500 yards of concrete needed to be poured. That's enough concrete for:

- A sidewalk 150 miles long
- A football field poured 22.5 feet deep
- 11.75 Olympic swimming pools filled

AC/a Services Provided for this Project Include:

- Civil/Site Design - including Rail Road, Roadways, Storm Water, Erosion Control, Site Utilities, Mass Grading, and Landscaping
- Site and Building Permitting - State and County Approvals
- Building Design
- Foundation Design
- Structural Engineering
- Electrical Design
- Plumbing Design
- HVAC Design
- Fire Alarm
- Fire Suppression
- Surveying
- Overall Site Coordination
- Project Scheduling
- Rated Tornado Shelter Design
- 32 MVA Substation Design



PROJECT HIGHLIGHTS

Spring Valley School Expansion - Spring Valley, WI

With construction commencing back in the Spring of 2020, we are nearing completion on an exciting project with the Spring Valley School District, consisting of a 90,000 square foot Elementary Expansion onto the existing Middle/High School, as well as a brand new baseball field.

AC/a worked alongside SDS Architects (Eau Claire, WI) on this project and had the honor of providing the site and civil engineering, plumbing design, HVAC design, electrical design, and fire alarm systems for this project, and have collaborated closely with the DNR and Army Core of Engineers for permits and approvals throughout the year.

AFP Warehouse

This 2-year project encompasses a large portion of AC/a's service portfolio, with the project consisting of land surveying, site and civil engineering, building design, structural engineering, plumbing design, HVAC design, electrical design, as well as material racking and handling design. The finished product: a 136,000 square foot warehouse for our client's finished goods inventory.

AC/a uses a Project Manager approach alongside the scope of our services, with the dedicated Project Manager communicating with and assembling all appropriate personnel for each individual project and task, attending necessary meetings, maintaining and monitoring the project budget and schedule, and addressing any issues that arise throughout the project. AC/a Designer and Project Manager, Dale Adams, completed the preliminary construction budgeting and project renderings, and presented those renderings to corporate stakeholders. He also coordinated with Village/Municipal Utilities in the relocation of AFP's electrical transmission line.



EMPLOYEE SPOTLIGHT

Jolene Dikeman

As Administrative Assistant, Jolene handles accounts payable, administrative functions, and is the receptionist for our Menomonie, WI location. She enjoys spending time with family and participates in a bowling league on Thursday nights.

**April 21st is
Administrative
Professionals Day!**

LAND SURVEYING

Auth Consulting & Associates is probably best known for our engineering services, however, we have been providing land surveying services since 1997! S&N Land Surveying (Hudson, WI) and Nelsen Land Surveying (Menomonie, WI) are divisions of AC/a providing comprehensive surveying services in Wisconsin and the Minneapolis/St. Paul, Minnesota metropolitan area from routine boundary surveys to complex subdivision plats, rezoning to annexations, ALTA/ACSM land title surveys to agriculture and environmental wetland surveys, and bluffline to mineface location surveys.

Together the two divisions are made up of 5 Professional Land Surveyors and 2 field crew members. With over 30 years of experience in the business, our surveyors are able to bring their expertise and knowledge to every job, big or small.

Services provided:

- Certified Survey Maps
- Subdivision Surveys
- Boundary Surveys
- ALTA/ACSM Land Title
- Topographic Surveys
- Retracement Surveys
- Construction Staking
- FEMA, LOMA Applications
- And Much More!

Contact us today to see how our land surveying divisions can help you with your next project!

