



A NEW HOME FOR MINNESOTA UNITED

PROJECT OVERVIEW

Minnesota's Major League Soccer team, Minnesota United, will have a sizable home-field advantage this spring with the completion of the new Allianz Field located in the Midway area of St. Paul - halfway between the St. Paul and Minneapolis downtowns.

With the first home game scheduled for April 13, the crews are putting the finishing touches on this fan-friendly stadium that features:

- » 19,400 Seats
- » 38 Loge Boxes
- » 4 Hospitality Clubs
- » 25 Suites
- » 4 Retail Outlets
- » Brew Hall & Roof Deck
- » Natural Grass Field

OUR WORK

Building on our extensive sports facilities project experience and reputation, Gephart was hired by

Mortenson Construction as the electrical contractor for this project.

Lighting

Perhaps the most recognizable feature of Allianz Field is the façade lighting shining through the PTFE exterior skin of the stadium. These color changing lights can be programmed to create scenes reflecting seasons, initiatives, and special events. There are over 1,600 individual lights spanning nearly 6,400 linear feet. Each fixture was individually programmed by our subcontractor Gopher Stage Lighting. After installation, Gephart teamed with architect Populous to individually aim the lights over four separate all-night "aiming" sessions.

In addition to the façade lighting, the Gephart team installed 360 LED sports lights surrounding the playing field, 6,500 light fixtures in and around the stadium, and 111 site lighting poles.

Lighting Control

Complete lighting control systems were installed for the:

- » Building
- » Façade Lighting
- » Sports Lighting
- » 35-Acre Site
- » Premium Spaces

Power

The team installed three separate power services to the:

- » Main Building (600A @ 13.8KV)
- » Fire Pump (200A @ 480v)
- » Site (1600A @ 208v)

Additionally, there is a 1500KW standby emergency generator on-site.

Systems

This stadium features state-of-the-art technology allowing fans to stay up to date on the team's social media platforms even as the game is happening. Gephart performed the conduit rough-in for both DAS (Distributed Antenna System) and WiFi.



Larry Heinsch
Vice President & Principal

LETTER FROM LEADERSHIP

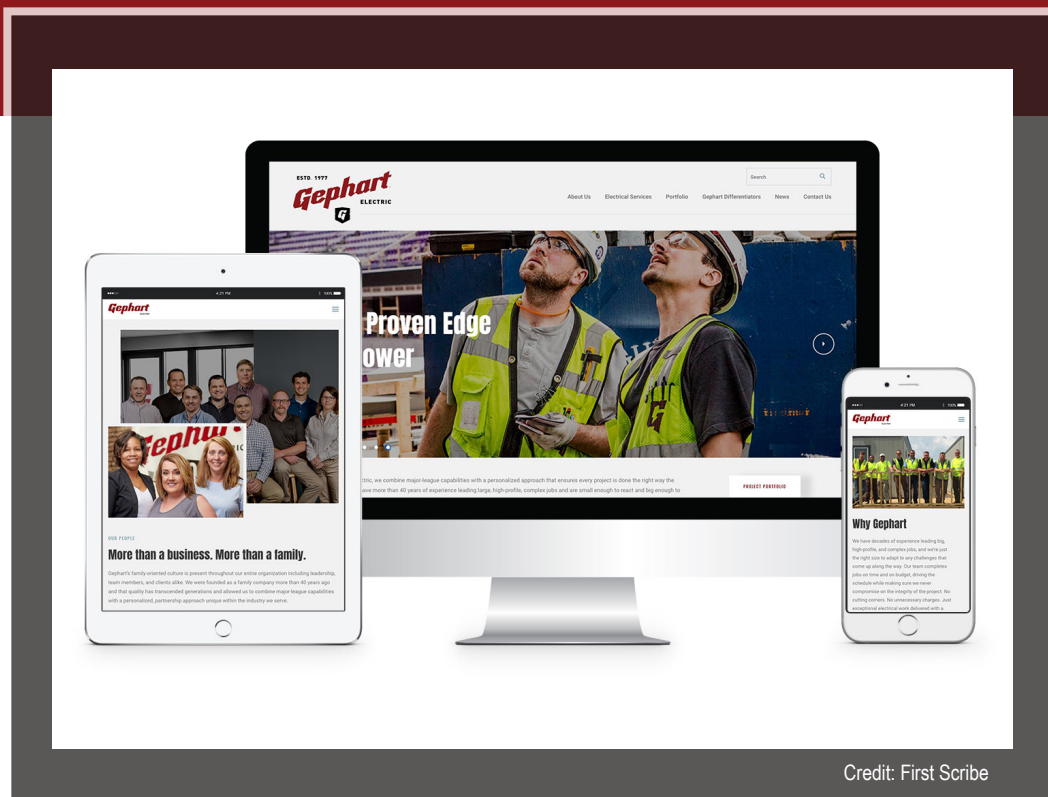
In this issue of the Gephart Current we are pleased to announce the launch of our refreshed company website (www.gephartelectric.com). The culmination of several months of work, we think the new site offers visitors a more complete view of Gephart Electric and makes it easier to learn more of the specifics of our services and experience. This is highlighted in the Portfolio section where you can select by markets such as Healthcare, Sports Facilities, Gaming and Hospitality, etc. and see at a glance several projects we've done in the respective markets, as well as have access to project case studies delivering more comprehensive descriptions of select, key projects.

Another thing you'll notice on our new site is more pictures of the people of Gephart. I hear time and again from our clients how important our people are to our success. They tell me our field staff consistently takes a proactive approach and works very well with the other trades on the jobsite; that our Project Managers show leadership and initiative in helping to drive projects to meet or beat the schedule and budget; and that our Administrative team does a great job of staying on top of the myriad of administrative details that go along with any construction project. Being a family-owned company, nothing makes me prouder than to show off some of the people that keep Gephart at the top of our game year after year.

Finally, this investment in our website refresh is emblematic of our commitment to technology in everything we do. Over the last few years, Gephart has been focused on being on the proven edge of technology use in our industry. From expanding the use of iPads, DataVaults, Bluebeam and Total Station, to using the latest and greatest technologies in our design efforts, we believe strongly in taking advantage of the efficiencies technology can bring to our industry.

Thanks again for spending some time with the Gephart Current and please take a few minutes to check us out online as well!

ALL NEW WWW.GEPHARTELECTRIC.COM



Check out the all new Gephart website where you will find:

- » New Case Studies
- » New Project Listings
- » New Pages
- » Improved Search Functionality
- » Additional News Stories



Credit: First Scribe



OUR SUCCESS

A project of this size and scope required the Gephart team work diligently and in collaboration with the entire project team. With an aggressive schedule of less than two years from start to finish, the team had to plan accordingly with the other team members to coordinate installations and were often in a race against time to complete items before winter set in.

With a sizable workforce peaking at nearly 80 electricians, our field leadership team worked effectively to manage resources and exceed workforce goals for this project. And, as a testament to our work on the stadium, Gephart will have a continued service presence throughout the season.



Gephart is proud of the reputation we have built in the sports facilities market with longtime partner Mortenson Construction to deliver the ultimate fan experience across the region. The Gephart/Mortenson team has worked together on nearly every professional sports facility in the Twin Cities to deliver the quality, state-of-the-art technology, and amenities Minnesotans have come to expect. Allianz Field will be no different providing the home-field advantage to propel our team to victory. GO LOONS!



TECHNOLOGY IN THE FIELD

As with all our major projects, Gephart's BIM team played an integral role in the construction of the stadium. The team relied heavily on the models for precise placement of conduit rough-ins, overhead conduit, site lighting, and light fixtures.

GEPHART EXPANDS WITH LAUNCH OF DATA CENTER DIVISION

Gephart Electric is expanding into the Data Center market with the launch of a new operating division. The division will be led by industry veteran Tim Dueck who comes to Gephart from California-based Cupertino Electric where he oversaw over 300 MW, 3 million square feet, and nearly \$1 billion of data center electrical work under construction. Most notably, Tim has completed projects for industry giants such as Yahoo!, Amazon, Facebook, and Microsoft. Tim is a Licensed Master Electrician in four states and has played a leading role throughout his career in many industry standards organizations.



The Data Center Division will provide tremendous growth opportunities as demand for reliable, secure, and scalable technology infrastructure outpaces available inventory, while further solidifying Gephart's reputation as a premiere full-service electrical contractor.

CONGRATULATIONS TO THE 2018 STAR AWARDS RECIPIENTS!

Cantrece Dogan - *Office Administrator (TN)*

Kelly Dupay - *Accounting & Admin Assistant (MN)*

Dawn Goracki - *Accounting & Admin Assistant (MN)*

Sherri Havens - *Office Manager (MS)*

Chris Hintz - *BIM Coordinator (MN)*

Elizabeth Key - *Assistant Project Manager (MS)*

Greg McCarver - *Service Manager (MS)*

Brendan Pattison - *Project Manager (MS)*

Sarai Pin - *AP Specialist (MN)*

Dean Randall - *LVS Project Manager (MN)*

Steven Steele - *Project Manager (MS)*

Gary Schwegel - *LVS Project Manager (MN)*

Andrew Vander Meulen - *Project Manager (MN)*

Phil Zignego - *Project Manager (MS)*



SERVICE DEPARTMENT CONTINUES TO GROW

Gephart Electric continues to grow its Service Division with the new addition of Jim Herlofsky as Senior Project Manager and Eric Dalgaard as Project Manager. Jim brings a wealth of knowledge and experience to the company with nearly 30 years in the electrical industry, first in the field before taking on project management roles. Eric is a 37-year Gephart veteran who brings his expertise and attention to detail to the Service Division.

As a full service, maintenance, and electrical solutions provider, Gephart's Service Division provides the highest level of service and installation to our customers. The majority of our service electricians average 10 years of experience and more, and regularly exceed our clients' expectations. We do this by never compromising on the quality of our work and personalizing service to our customers 24/7. Our fleet of service vehicles are equipped with all the latest tools needed to analyze and service any installed electrical and temperature systems.



Eric Dalgaard, Matt Daniels, Jim Herlofsky, Doug Ranallo, Tim White, Joann deLeon

Our goal is to be a long-term maintenance choice and serve as a resource for all of our clients' present and future electrical and systems needs and provide measurable value with creative solutions through our past experience. Longtime clients such as North Memorial Hospital, Wings Financial, UPS, Best Buy Corp, and Maple Grove Hospital continue to rely upon Gephart for their electrical service and maintenance needs.