



North Hennepin Community College – Bioscience and Health Careers Center on the college’s Brooklyn Park campus. Project scopes included Egan’s Mechanical and InterClad groups.



EGAN

COMPASS

NEWSLETTER

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Egan Company is a fully integrated, specialty contractor that delivers attention, commitment and craftsmanship to every project. Egan serves every stage of a building and provides in-house expertise in planning, design, building and maintenance. Core services include: mechanical, electrical, industrial controls, outside electrical, building systems, 24/7 service and curtainwall/glass.



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Contact
7625 Boone Avenue S., Brooklyn Park, MN 55428
763.544.4131 | compass@eganco.com | eganco.com



GREATER PRECISION AND INCREASED PRODUCTIVITY ON SITE

Use of Trimble technology at Mayo Clinic Health System in Cannon Falls

With all phases of construction, productivity is king. And, new construction for the Mayo Clinic Health System in Cannon Falls is no exception. The solution? Gaining time in the field using GPS technology to precisely locate electrical, plumbing and HVAC components with great accuracy.

Embracing Robotic Total Stations (Trimble® Global Positioning System) allows Egan Company to deliver information from the Building Information Model (BIM) to the field with far greater productivity and accuracy than tape measures.

At the Mayo Clinic Health System in Cannon Falls and at other sites, Egan leads the way with shop fabrication of sub-assemblies and precision components. Coupled with Egan’s leadership with BIM coordination efforts for all contractors during the design-assist portion of the project, our team used a modular construction approach to pre-fabricate and skid-mount the majority of the mechanical room in Egan’s in-house fabrication shop. When on site, Egan performed Trimble activities for all mechanical hangers and sleeves. Additionally, the Egan crew performed Trimble services for the electrical contractor’s hangers and for the drywall contractor’s wall layout, improving field labor efficiency for multiple trades and in coordination with other work.

“It’s extremely rewarding to hear from Boldt Construction and Mayo Clinic Health System that not only themselves, but the entire Cannon Falls community, is excited about the new hospital we are working to provide,” said Sam Augspurger, Egan Company Project Manager. “Their satisfaction acts as reassurance that our project approach was spot-on and it feels good knowing our efficiencies will help Mayo Clinic Health System care for more people.”



Above: Mike Gerde (Egan Company Sheet Metal worker) locates and marks the points on the structure.

Top: Adam Swan (Egan Plumber), Erin Powell (Egan Pipefitter), and Mike Gerde locate points on a metal deck with Trimble technology.

With Trimble, Egan addresses the entire work flow of construction components. [continued on page 7](#)

HONORING ROAD WORKERS

Egan Company Road Workers' Memorial Event

Not all Minnesota families are able to welcome home their loved one after a regular day on the job.

In 2011, Craig Carlson and Ron Rajkowski, long-time employees of Egan Company, were killed by a distracted driver while working on a highway project. In commemoration of Craig and Ron's dedication to their work and commitment to keeping Minnesota's roads safe, Egan hosted a private event to honor those who have been injured or died on Minnesota roads while on the job.

The State of Minnesota and the Minnesota Department of Transportation have proclaimed April 28 as Minnesota Road Workers' Memorial Day. The Egan event was held on this day, Monday, April 28, 2014, at its headquarters in Brooklyn Park. Governor Mark Dayton offered opening remarks at the event with local and state officials in attendance. Other speakers included the widows of both men, Deb Carlson and Jodi Rajkowski, Dave Semerad, CEO of the Associated General Contractors of Minnesota (AGC), Tim Worke, Highway and Transportation Division Director of AGC and Andy Snope, Business Representative and Political Coordinator of International Brotherhood of Electrical Workers (IBEW) Local 292.

Egan, in association with the AGC, IBEW 292 and the National Electrical Contractors Association (NECA) has backed legislation to change Minnesota's highway construction work zone safety laws. These substantial legislative changes

are contained within a bill awaiting the Governor's signature to become law. It proposes to reduce speeds statewide in work zones to a maximum of 45 mph when workers are present, increase the minimum fine to \$300 for moving violations in work zones and provide for the use of additional technology and public awareness campaigns.

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Left to right: Dave Semerad (AGC), Andy Snope (IBEW 292) and Tim Worke (AGC)



Governor Mark Dayton offers keynote remarks.



“The safety of Egan employees is our number one priority; everyone deserves the opportunity to return home to their family every day. We always work to provide a safer workplace through providing safe job site conditions, advance planning, proper tools and continuous safety-focused training programs for our staff. Roadway safety remains a top priority—it is a constantly changing environment with fast-moving traffic and unfamiliar conditions.”

— Duane Hendricks, Egan Company Executive Vice President

GREATER PRECISION AND INCREASED PRODUCTIVITY ON SITE

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How it works:

1. System components are laid out in a 3D BIM; structural plans are considered to determine component specs and locations.
2. Coordination and clash detection is performed with other building systems.
3. Control points in and/or around the building site are identified and located in the BIM.
4. System compliance is checked.
5. Location points are exported from the BIM to the Trimble hand-held units.
6. Trimble Robotic Total Station (with prism pole and hand held unit) is set up in the field.
7. Component points are located with a two person crew; one person locates points using the Trimble and the other person marks point locations on the structure while documenting the point drawings.
8. Components are installed at the marked locations.
9. As-built locations are shot for any points that required relocation in the field. These points are reviewed in the office and incorporated into the BIM for documentation.

Mayo Clinic Health System in Cannon Falls is a newly constructed, 90,000 square foot, three-story hospital and clinic. Three rooftop air handling units provide approximately 120,000 CFM of airflow throughout the facility. Three condensing boilers and one steam boiler serve the heating and humidification systems while three chillers serve the cooling system. There are 160 VAV boxes with reheat that provide the individual zone control.

Core project team: Mayo Clinic Health System, The Boldt Company, BWBR Architects and Dunham Associates, Inc.

Egan services performed: Trimble and full BIM coordination during the design-assist stage, plumbing and HVAC

PROMISES KEPT

“Regarding some service work recently performed by Egan at a couple different properties . . . Matt Fischer did some work that involved cutting some air vents into some tile, in a couple tricky locations. Matt jumped right into the batters box and hit a home run. The job turned out fantastic, and helped alleviate some potential pipe freezing issues. We also had an emergency plumbing issue that arose recently. On very short notice, Dale Bocan was dispatched and got the situation resolved extremely quick, saving time and avoiding further damage to the property. In an emergency situation, having an organized and dependable contractor to work with, that has their hand on the plow, is a very valuable asset.”

— Mike Brede, Cushman & Wakefield / NorthMarq

(Matt is a Sheet Metal Foreman with the Egan Mechanical group and Dale is a General Foreman with the Egan Building Systems and Services group)

“Egan has a strong reputation built on safety and we often say it's not what you do when someone is watching, it is what you do by nature. Jim Kloek and Jerry Young showed what they do by nature and I wanted to take a minute to share with you the positive example these guys are. Thank you and your employees for helping make FilmTec a safe place to work!”

— George Hellmer, FilmTec

(Jim and Jerry are both Pipefitter Foremen with the Egan Mechanical group)

WELL-BLENDED CREW ENSURED ON-TIME OCCUPANCY IN NEW LOFTS DEVELOPMENT

As the chosen contractor for Stonebridge Lofts, Dan Welty, InterClad project manager, quickly went to work to assemble a diverse—and fully integrated—crew.

Working closely with the Owner, InterClad's unique construction approach and partnership with EFCO Corporation (manufacturer) enabled the team to commit to the aggressive move-in deadline.

"Keeping field labor costs close to the estimated amount was important," said Brian Stensrud, InterClad field superintendent. "Our field staff logged over 11,000 hours in anticipation that the building could open as expected."

Stonebridge Lofts is a 12-story, 165-unit condominium located across from Gold Medal Park, in the historic Mill District of downtown Minneapolis. This building features an architecturally attractive exterior façade with roughly 67,000 square feet of EFCO pre-glazed window wall, 6,200 square feet of EFCO curtainwall (InterClad fabricated) with the use of Viracon Glass throughout.

Core project team: Shamrock Development, JE Dunn Construction, Oertel Architects and BKBM Engineers

InterClad/Egan services performed: Exterior window wall, interior and exterior curtain wall, Terrastile doors, entry doors and hollow metal glazing

PRESSURE WASHING FOR OPERATIONAL EFFICIENCIES

For facility managers, Spring/Summer is a key time to start planning for the care of your facilities' air conditioning units condenser coils. Egan has a service crew that's industry-trained and dedicated to performing *all* pressure washing services needed at a facility. We provide these cleaning services to improve overall system efficiency.

Regularly cleaning a condenser coil will also:

- Keep the compressor from failing or overheating
- Lower electricity usage
- Increase the lifespan of your equipment
- Reduce the risk of unplanned downtime and emergency repairs

Contact your Service Account Manager to add condenser coil cleaning to your Egan planned maintenance program.



Left to right: Duane Hendricks, Gov. Mark Dayton, Jodi Rajkowski and Deb Carlson

The road worker safety legislation will become effective August 1 of this year, making a significant impact on making construction work zones more safe. It is sponsored by Rep. Ron Erhardt, DFL-Edina, and Senator Susan Kent, DFL-Woodbury, among other legislators.

“It has been a long journey that has gotten us to where we are today. We are on the verge of enacting the first meaningful change to Minnesota work zone safety laws in almost 15 years . . . and beyond any success we may achieve, we may never arrive at our destination – at a point where we can say we have done enough to protect road workers.”

– Tim Worke, Highway and Transportation Division
Director of AGC

Special thanks to all those who have given their time, talents and expertise to help create the road worker safety initiative and those who supported this event in honor of Craig Carlson and Ron Rajkowski. *Stay Safe.*



PROMISES KEPT

“We received multiple compliments on your work from the Restoration Hardware team and the Edina Galleria staff. We also give special thanks to your on-site supervisor, Pat Gongoll. Pat did an excellent job of coordinating your work with Pepper, the owner, and the other contractors while staying on schedule throughout this fast-tracked project. Pepper's Superintendent said Pat was great to work with and provided excellent customer service throughout the duration of the project.”

– Nathan Misch, Pepper Construction

(Pat is a Foreman with the Egan Electrical group)

“Val Scherer is always there if we need him in an emergency and from a safety standpoint, all other vendors should follow his lead. Our thanks to Egan and Val for the great service this year!”

– Jon Nieman, TURCK

(Val is a Journeyman Electrician with Egan)

“Our thanks to the staff at Egan Company for their part in ensuring Bay State Milling was up and running on the new service on time ... with no power related issues. I really appreciate all the hard work everyone put in over the weekend handling this cut-over and switching things to the new electrical equipment. It was a great example of teamwork amongst your team . . . Thank you all for a job well done.”

– Vern Adkins, Bay State Milling



SUPPORTING OUR LOCAL COMMUNITY

Egan Company is dedicated to community involvement. In the last couple months, here are a few ways we've been able to give back:

Volunteers Pack Enough Food to Feed 56 Children for an Entire Year

February 2014 – Egan employees and family members took part in a food packing event for a local organization, *Feed My Starving Children (FMSC)*. Through FMSC, groups hand-pack meals specifically formulated for malnourished children around the world. The efforts of 90 team members resulted in packing over 20,000 bags of food. Egan also donated \$5,000 to the Feed My Starving Children Micah Project.

Spring Blood Drive Success

April 2014 – A single donation of blood can help up to three different people! Donated blood most commonly goes to help cancer patients or to treat blood diseases, surgical or accident patients. Egan is a proud sponsor of two annual blood drives which encourage employees to donate. This Spring, we hosted a blood drive with neighbor, Insignia, to help save lives in the community.

We added a friendly competition to the mix with a goal to have more donors than Insignia. We accomplished that with 26 employees donating blood—twice as many as our last blood drive in October 2013.

Skill, Hard Work and Fun for Improvements on North Minneapolis Home

May 2014 – Each year, the private, non-profit Hearts & Hammers organization provides exterior home improvement assistance to senior and physically disabled home owners in the Twin Cities so they are able to continue to live in their homes independently. Egan Company partnered with HGA Architects & Engineers to build a 50-person crew. On Program Day (May 31), homeowner Lolita Richardson welcomed Egan/HGA into her neighborhood. The team painted, landscaped, repaired and enriched the exterior North Minneapolis home. It was rewarding for us to see the transformation of Lolita's home.

RECOGNIZED FOR SAFETY PERFORMANCE

The Minnesota Safety Council has awarded three Governor's Safety Awards to Egan Company for superior performance in workplace safety and health.

Egan is one of only 19 companies to receive an Award of Honor; recipients of this award have incident rates at least 91% better than the industry average and a score between 91 and 100 on the safety program evaluation scale. Egan also received an Outstanding Achievement Award and a Meritorious Achievement Award recognizing an outstanding record and incident rates better than the industry average for at least three years, respectively.

"At Egan, we demand safety—for our employees and for our customers," said Larry Hanson, Egan Safety Director. "This recognition from the Minnesota Safety Council is meaningful testament that we have been effective and remained committed to workplace safety at every level."



Left to right: Bob Lund, Chairman of Minnesota Safety Council Board of Directors, Greg Koetz, Egan Company Building Systems and Services and Governor Mark Dayton.

NORTHROP, REVITALIZED

Over three years ago, the 85-year-old University of Minnesota landmark was in need of repair and updates. Egan Company joined the reconstruction team of more than 1,500 design and construction professionals to offer the complete electrical scope: state-of-the-art craftsmanship, components and systems.

"This was a challenging project, but we had an opportunity to work on one of the most iconic and recognizable buildings in the state," said Gary Stommel, Egan Company LEED AP and Senior Project Manager. "We worked hard to ensure we maintained history and high-end finishes."

The electrical team partnered with Elliott Contracting Corporation and finished on-time for the University of Minnesota to unveil the revitalized Northrop and welcome the community for the first time in over three years.

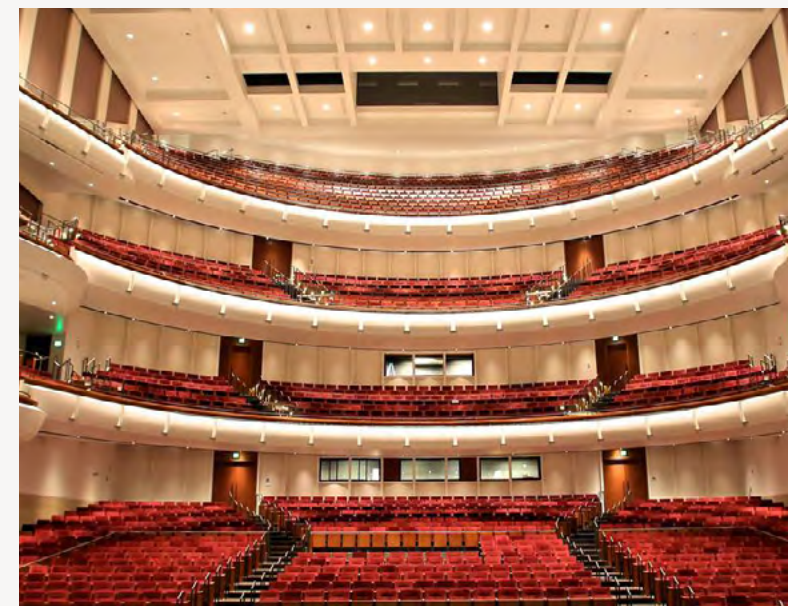


Photo courtesy: University of Minnesota

FACT: 152 MILES (800,000 FEET) OF WIRE WERE USED IN THIS PROJECT