

# FORMATIONS QUARTER(3) 2022 ATIONS

## SUPPORTING A LIGHT RAIL TRAIN (LRT) TUNNEL WITH AN OVERHEAD CAR PARKING RAMP

The Minneapolis Airport Commission wanted to add a 5,000-car parking ramp to their location. However, the jobsite has an existing Light Rail Tunnel 80 ft. below the location of the ramp placement. PCL Construction, General Contractor for this job, was up for the challenge. With the assistance of Kimley Horn as Design Engineering Consultants on the project, for the parking ramp was designed with a series of eight large concrete transfer beams to span the weight of the new parking structure over the LRT Tunnel.



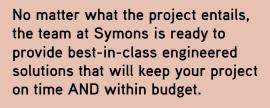
The Symons Team was called in to work very closely with PCL Construction on this project.

The transfer beam sizes ranged from the 5ft wide x 50ft long x 8ft tall to 14'-8" wide x 90ft long x 13ft tall. One of the biggest obstacles on this project was the large amount of rebar needed inside the transfer beams, making it nearly impossible to run a tie for the forming the length of the beams.





The Symons Engineering Group came up with a plan using Max-A-Form® STS forming system - along with 8" Versiform walers - to eliminate the need for those ties running the length of the beams.











Links:

Symons Max-A-Form STS
PCL Construction
Kimley Horn
Minneapolis Airport Commission

Contact your Symons rep today to find how THE POWER OF RED™ can offer you solutions and savings!

#### PEWAUKEE FACILITY - OVER 45 YEARS AND GOING STRONG

Our Pewaukee, Wisconsin branch has been servicing Wisconsin and the UP for over 45 years, 30 of those years being at our current Silvernail Road location.

The location provides Symons® line of forming and shoring systems, including <u>Steel-Ply</u>® and <u>Sym-Ply</u>®. With over 120 years of combined knowledge and services, the Pewaukee team of Sales, Customer Service, Engineering, and Yard Staff pride themselves on working together to make sure the customer receives their order COMPLETE and ON TIME.

Contact: 262.547.2275 Customer Service and Technical Assistance: 800.800.7966

Location: 903 Silvernail Road, Pewaukee, WI 53072



#### **CAMP RANDELL STADIUM UTILIZES SYMONS SYM-PLY**

The next chapter of the Wisconsin Badger's <u>Camp Randall Stadium</u> is currently under construction.

This comprehensive renovation of the south end zone will introduce new premium seating and hospitality clubs to one of the oldest stadiums in the country.

The project was awarded to JP Cullen and Sons out of Janesville, WI in the Spring of 2021. Symons Engineering and Sales Teams were introduced to the project soon after, working on layouts, reviews and concepts.

Symons Sym-Ply forms began arriving on-site in early December of 2021 for the construction to begin. The new space will open for the Fall 2022 football season.

Click here: Symons Sym-Ply Click here: JP Cullen and Sons







### **SYMONS SQUAD: HAPPY RETIREMENT AFTER 25 YEARS**



This summer, after 25 years of service to our Symons and Dayton Superior team, Beverly Heiman has retired. Bev is planning on spending time with her grandchildren, embroidering (on her new embroidering machine) and traveling.

Her first planned trip will be traveling across county with her sister to visit her hometown in Arizona. Safe travels and have fun, Bev - you will be missed! Thank you for your dedication and support.

