



# FORMATIONS

QUARTER(1) 2022

## CIRCULAR COLUMN FORMS & MAX-A-FORM® STS UTILIZED TO CREATE THE NATION'S SIGNATURE BRIDGE

Crossing the Potomac between VA and MD (just outside Washington DC) has been a headache for commuters for many years. The existing structure was deemed 'functionally obsolete' as it could no longer handle the high traffic count. In early 2020, the joint venture of Skanska-Cormin-McClean was selected to build a new Harry Nice Middleton Bridge. This new bridge would **double vehicle capacity while raising the vertical clearance** to 135' allowing for larger ships to navigate the critical waterway and increase trade in the region.



One of the major decisions facing the team was how to form and pour the concrete cost-effectively. Symons® talented team of engineers and field personnel worked closely with the SCM Group to develop a plan that would optimize their production rates and manpower for the footings, columns and caps.

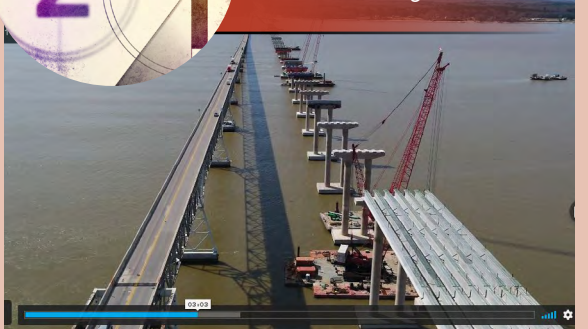


Ultimately Circular Column Forms were selected as their design allows for fewer bolts during assembly, while maintaining industry leading pour heights. The Max-A-Form STS was pre-assembled on the barges, flown in and mounted on 300 Kip anchor brackets - accelerating construction of the caps. With only a few columns remaining to be poured, the SCM team shared that they were very happy with the design and that it proved to be easier to assemble than anticipated. **Symons forming systems kept them on pace and ahead of the project schedule!**



**WATCH THE VIDEO!**

<https://mdta.maryland.gov/NiceMiddletonBridge/Home>



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

## SYMONS SQUAD: MEET YOUR TEAM



Thomas Whitaker is new to the Symons Customer Service team, but is a long time team member as a yard employee in our New Braunfels, TX location. With over 17 years in the yard, he has worked in renovation, shipping, and the paint booth. He brings unique hands-on experience to the CSR role that has already helped him to adapt and catch on quickly. Thomas is enjoying the challenge of his new position and focuses on how he can use his experience to help our customers.

In his free time Thomas is an avid Houston Astros fan, and he also collects cards and autographs. Go ASTROS!! You can reach him at 830-625-6945 or [ThomasWhitaker@daytonsuperior.com](mailto:ThomasWhitaker@daytonsuperior.com).

# NEW BRAUNFELS FACILITY OFFERS EXPERIENCE & SERVICE

Symons New Braunfels facility in Texas consists of two main buildings with approximately 100,000 SF, located on 15 acres of land at 1115 Church Hill Drive.

The Symons team has been serving customers in this location since 1969 and offers a very experienced work force. The majority of the 33 members of the team have an average of 19 years of experience, with some having 49 years in the industry.

This location is shared between Engineering, Customer Service and our Yard Operations departments. We carry a variety of products for the construction industry which include:

- Garage Beam System (GBS)
- Heavy forming (Max-A-Form® STS Panels) and Circular Column Forms
- Light forming products that include our Steel-Ply® and Sym- Ply® product family

We also manufacture custom plywood in multiple sizes.

Our team is ready to help you plan your next project. Reach out to us today at 830-643-3200.



Aerial view of the Symons property in New Braunfels, TX (courtesy of Google Maps)

## SAFETY ON THE JOBSITE



Our Symons and Dayton Superior teams help build everything from residential housing foundations to treatment facilities, bridges to sports stadiums and anything in between. Many times, during the construction of these structures one or more of our team members are requested to visit the site for a variety of reasons. Being on a site and watching our products in action is always a great experience! This experience also places our team members on a site packed with potential hazards. You may recall from a previous Formations safety article; “A construction workplace accident occurs every 18 seconds.”. This article also highlighted common Personal Protective Equipment (PPE). Below are a few other key points to keep in mind when blessed with the opportunity of a job site visit.

- *Reach out to your customer ahead of your site visit to inquire about their jobsite safety requirements. (Some may involve a safety meeting and review to be scheduled and completed prior to being let on the site.)*
- *It is a good idea to keep common PPE handy for job visits. These include; a hard hat, safety glasses, steel-toed boots, ear protection, hand protection, and a safety vest.*
- *Equipment Operators on an active jobsite have an extremely important and at times, stressful job. Loaders, excavators, and cranes move thousands of pounds at a time, often by shifting no more than a finger in the cab. Be aware of things such as swing radius, pinch points or tight walkways in and around operating machinery. When walking near or around this equipment, a good rule of thumb is to ensure you see the operator in the cab and they see you.*
- *Be sure of your footing and where you place your hands. Holes, sudden changes in elevation, nails, screws, exposed rebar, and other sharp objects are common on a project.*
- *Don't touch any equipment or tool on the project. Doing so increases the risk of damage or personal injury. These are the property and responsibility of the contractor.*
- *Give your phone a rest! Yes, if allowed, pictures of our equipment in action is a great idea. However, ensure you are not walking and in a safe location to stop and take the picture. Phone calls and e-mails can wait until the visit is done.*

A visit to an active project site can be a very rewarding and insightful experience. It also has the potential to be one of the most dangerous things we do. No matter the size or complexity of the project, construction work can be extremely hazardous. Each project has its own dangers. So regardless of what the project may be, we must always be attentive for ourselves and others. *Thank you for reading and stay safe!*