

## Sym-Ply Provides Forming Solution for Sand Processing Plant

### SUMMARY

In late December 2011, the first rail shipment of sand left from a new, state-of-the-art sand processing plant in western Wisconsin. This was the first of one to three weekly trains that would transport sand, processed from a nearby sand mine, to multiple locations in the United States.

Lewis Construction, based in Schofield, Wisconsin, was the contractor handling construction of the sand mine. Owner Steve Lewis, who had often utilized Symons® by Dayton Superior® product solutions over the years, approached the company again to provide forming solutions for the project.

### CUSTOMER

- Contractor: Lewis Construction

### PROJECT

- Sand Mine
- Chippewa Falls, WI

### CHALLENGE

Plans for the new sand mine posed a challenge of variations in wall height ranging from 7'-6" to 18'-0" with batter also changing with each different wall height. Lewis Construction already owned Symons by Dayton Superior Steel-Ply® forming, but needed additional forming options that would allow an easy transition from one wall height to the next.

### SOLUTION

Symons by Dayton Superior's Sym-Ply forming provided a perfect solution. Sym-Ply's ability to easily and quickly connect to Steel-Ply allowed for no delays in the placement of forms. The contractor was also able to avoid purchasing fractional wall ties by using taper ties to easily adjust to the different size batters. More than 3,700 square feet of Sym-Ply was used to form 100 lineal feet of tapered and battered



*Cycling gangs of forms through a number of pours allows contractors to reduce materials needed on the job site.*



*The Sym-Ply forming system includes a complete line of accessories, such as walkway brackets and braces.*

wall.

“The forms went together easily and the clamp connections made for fast gang assembly,” said Todd Masephol, Concrete Superintendent for Lewis Construction.

## RESULTS

- Sym-Ply’s ability to bolt directly to Steel-Ply saved the contractor time and money
- Contractor was able to save money by using taper ties rather than purchasing fractional ties
- Fast gang assembly saved the contractor time and money on site
- Symons by Dayton Superior served as a single-source provider for the contractors forming solutions.

## RESOURCES

Learn more about the Sym-Ply concrete forming system at: [www.daytonsuperior.com/symply](http://www.daytonsuperior.com/symply)

**Additional product information is available online at [www.daytonsuperior.com](http://www.daytonsuperior.com). Contact your Dayton Superior representative at 888-977-9600, or send an email to [info@daytonsuperior.com](mailto:info@daytonsuperior.com) if you would like to discuss how these or other innovative systems can make your construction projects more productive.**



*Standard Taper Ties can still be used even when Steel-Ply is included in a project, simplifying inventory.*



*The Sym-Ply gangs required just two Taper Ties per form, speeding construction and reducing the material list.*