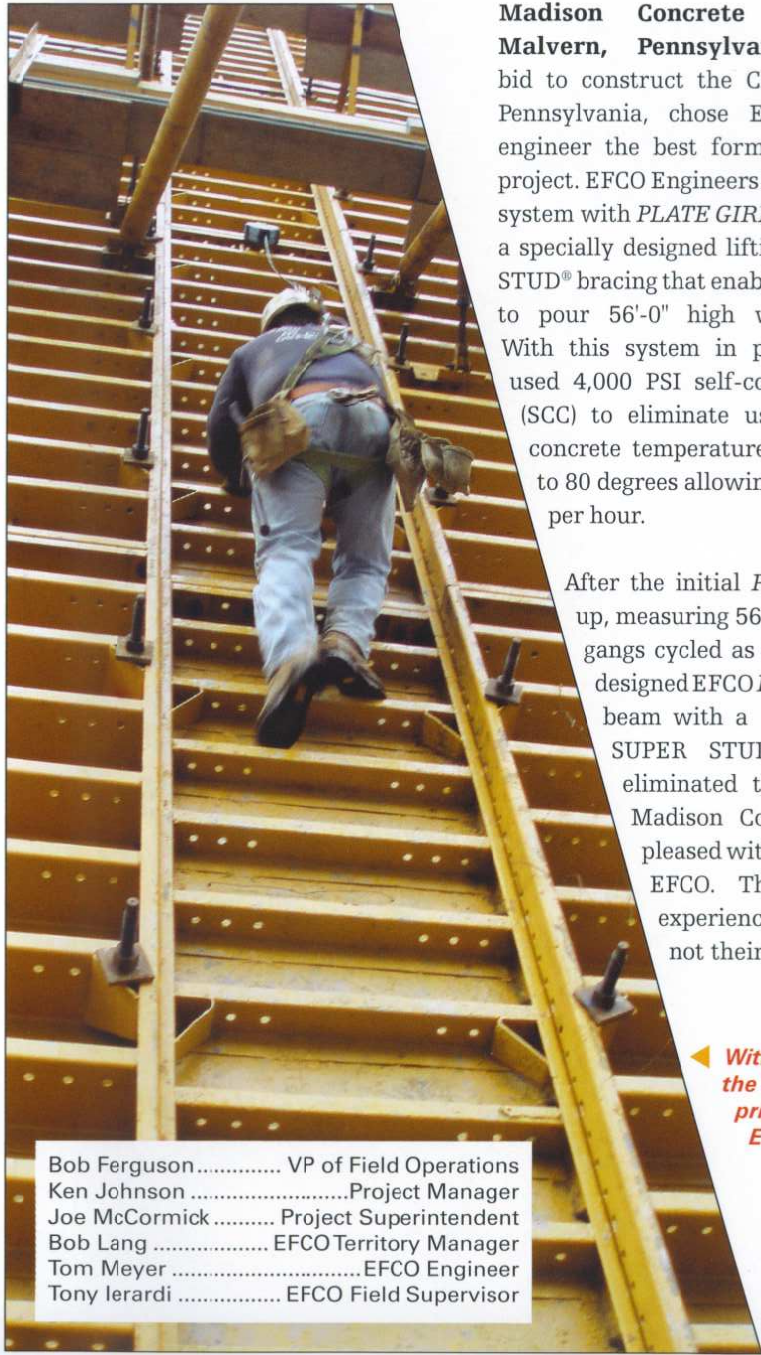


# High Walls... *One Pour*

Philadelphia, Pennsylvania



Madison Concrete Construction of Malvern, Pennsylvania, awarded the bid to construct the Children's Hospital of Pennsylvania, chose EFCO to help them engineer the best forming solution for the project. EFCO Engineers developed a complete system with *PLATE GIRDER*® forming panels, a specially designed lifting beam and *SUPER STUD*® bracing that enabled Madison Concrete to pour 56'-0" high walls monolithically. With this system in place, the contractor used 4,000 PSI self-consolidating concrete (SCC) to eliminate use of vibrators. The concrete temperature ranged between 75 to 80 degrees allowing a pour rate of 8'-10' per hour.

After the initial *PLATE GIRDER* build up, measuring 56'-0" high x 33'-0" long, gangs cycled as unit with a specially designed EFCO *PLATE GIRDER* lifting beam with a 50-ton lift capacity. *SUPER STUD* plumbing frames eliminated the need for guying. Madison Concrete is extremely pleased with their decision to use EFCO. This was their first experience and definitely not their last.

◀ *With EFCO you can climb the forms with the appropriate safety equipment. Each rib acts as a rung.*

- Bob Ferguson ..... VP of Field Operations
- Ken Johnson ..... Project Manager
- Joe McCormick ..... Project Superintendent
- Bob Lang ..... EFCO Territory Manager
- Tom Meyer ..... EFCO Engineer
- Tony Ierardi ..... EFCO Field Supervisor



“ EFCO is the only company that could accommodate our need to cycle 56' high forms as one unit.  
**Joe McCormick**”  
Superintendent, Madison Concrete