

## L.B. Foster Supplied H-Beams used in Tank Substructure Project

L.B. Foster recently supplied over 700 tons of HP 12 X 53 H-Beam piles for a project to build an ethanol tank farm. The foundations for several multimillion gallon ethanol storage tanks consisted of driven H-Beams and concrete caps. Local Peoria-based Otto Baum, a subsidiary of Core Construction, acted as the contractor on this project.

The H-beams were supplied by strategic supply partner Gerdau Ameristeel. During the construction, 70 ft. H-Beam sections were initially driven into the ground using a vibro hammer. A 50 ft. section was then bolted and welded to the 70 ft. section using a splicer. This lengthened H-Beam section was then further driven into the ground using a diesel hammer.



*50 ft. H-Beam being spliced to 70 ft. H-Beam*

## H-Pile Beams and Other Products

H-Pile beams are another widely used pile that L.B. Foster supplies to both the U.S. as well as foreign markets. We provide the full range of 8", 10", 12" and 14" H-Pile for project needs.

L.B. Foster can also supply a number of other sheet and pipe pile products and engineered solutions for specific applications. OPEN CELL® bulkheads are used primarily in docks and similar marine structures. L.B. Foster's strategic alliances with PND Engineering, Inc., who currently hold two U.S. patents for the OPEN CELL technology as the designer, and Gerdau Ameristeel, who manufactures the flat web sheets which the designs utilize, insure cost effective design as well as timely supply of the OPEN CELL system. L.B. Foster Combi-Walls are an efficient way to achieve high section modulus for those structures which require strength which exceeds that available from traditional sheet pile sections. L.B. Foster utilizes the "Wider, Lighter, Stronger" PZC™ sections produced by Gerdau Ameristeel.



*Driven piles before concrete cap is poured*

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*(PZC™ is a trademark of Gerdau Ameristeel)*