



**Bridge Crane Support Structure Upgrade
From 90 Ton to 110 Ton Capacity
Caterpillar, Inc.
Lafayette, Indiana**

Caterpillar needed to increase the capacity of their existing 90 ton bridge crane to 110 tons. The support structure, 60 feet wide, 410 feet long and 28 feet above the finish floor, required analysis and reinforcement to carry the increased capacity. Steinberger Construction, Inc was contracted to provide the structural upgrade. FRP provided Steinberger with structural analysis and designed reinforcement for the bridge crane support structure.

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