

OLLIE'S BARGAIN OUTLET DISTRIBUTION CENTER

Market Sector: Warehouse/Distribution
Project: Ollie's Bargain Outlet Distribution Center
Location: Strinestown, Pennsylvania
Owner: Ollie's Bargain Outlet
CM/GC: Kinsley Construction, Inc.
Contract Type: Subcontract
Tonnage: 425
Scope: Fabricate and install structural steel: install joist, deck and wall panels

Kinsley Manufacturing was contracted by Kinsley Construction, Inc. to fabricate and install the structural steel, bar joists and metal deck as well as erect the concrete and siding wall panels for this 660,000 square foot project. The building's framing structure was composed of beams, columns and bar joists with a shell of precast concrete wall panels on three sides and metal siding on the one end wall.

The project's schedule was very aggressive because from the start of the contract the construction team had fewer than 12 months for the design and construction. In order to aid the overall schedule, we accelerated the shop drawings and fabrication duration to only two months and the installation duration of structural steel to one and a half months and one month to install the building's concrete and siding shell.

Kinsley Manufacturing used three separate crews and completed their scope ahead of schedule by staggering the start of the three main tasks (joist panelization, steel erection and wall panel installation). The crew's labor was assisted by the use of three cranes owned and operated by Kinsley Manufacturing.

To help expedite the installation process, Kinsley Manufacturing utilized a method of pre-assembling the bar joists into panels in a jig table at ground level and then stacking the 166 panels until they were actually needed. This process of pre-assembling the bar joists into bay sized panels produces two major benefits. The first is that it eliminates the amount of time that iron workers have to work at elevated levels which reduces the chance for serious injury and improves the overall safety of the task. Secondly, the panel assembly can begin well before the footers, piers and steel framing are complete.

A second crew began installing the 226 precast concrete wall panels as soon as the structural steel erection crew completed the first quarter of the building.

