

FACTS - ATHENS MEDICAL CAMPUS

Overview

- Largest Permanent Healthcare Facility in North America built using Off-Site Modular Construction

Manufacturing

- 4-stories, 100,000 square feet (SF)
- 204 modules
- 1,250 tons of steel
- 150 miles of wiring
- 1,500 yards of concrete
- 1.7 million SF feet of drywall and flooring
- 14,000 gallons of paint
- 400 tons greenhouse gas emissions prevented
- 230 tons of construction materials recycled and kept from landfill
- 43,000 work hours, 120 workers, 35 trades
- 50 third-party inspections
- Productivity and safety technologies: OnsiteIQ, Kwant, TotalStation, GPS, Earthcam

Transport/Installation

- 475-mile route from New Holland, PA plant to Athens, OH site
- 32 low boy trailers with drivers, 8 installation crew members
- 440-ton super reach crane at site
- 51,000 pounds average module weight, 62,000 pounds heaviest module weight (pre-built mechanical rooms)
- 30 days for installation

Completion

- 120 trades people following to site (electricians, plumbers, HVAC techs, fire prevention system techs drywallers, painters, plus roofing, flooring, lighting, and ceiling installers, etc.
- Multiple local AHJ inspections
- 26 weeks after installation completed, Athens Medical Campus will be commissioned and start accepting patients—nearly 1.5 years sooner than would be feasible with conventional, site-built construction

TIMELINE

Phased Process

Separation and wrapping of modules:

- Separate and wrap modules starting September 25

Transport:

- Transport of modules starts October 2

- Modules arrive at staging area starting October 6

Installation/Set

- October 16 – start setting 1st and 2nd floor modules
- Installation continues for 30 business days